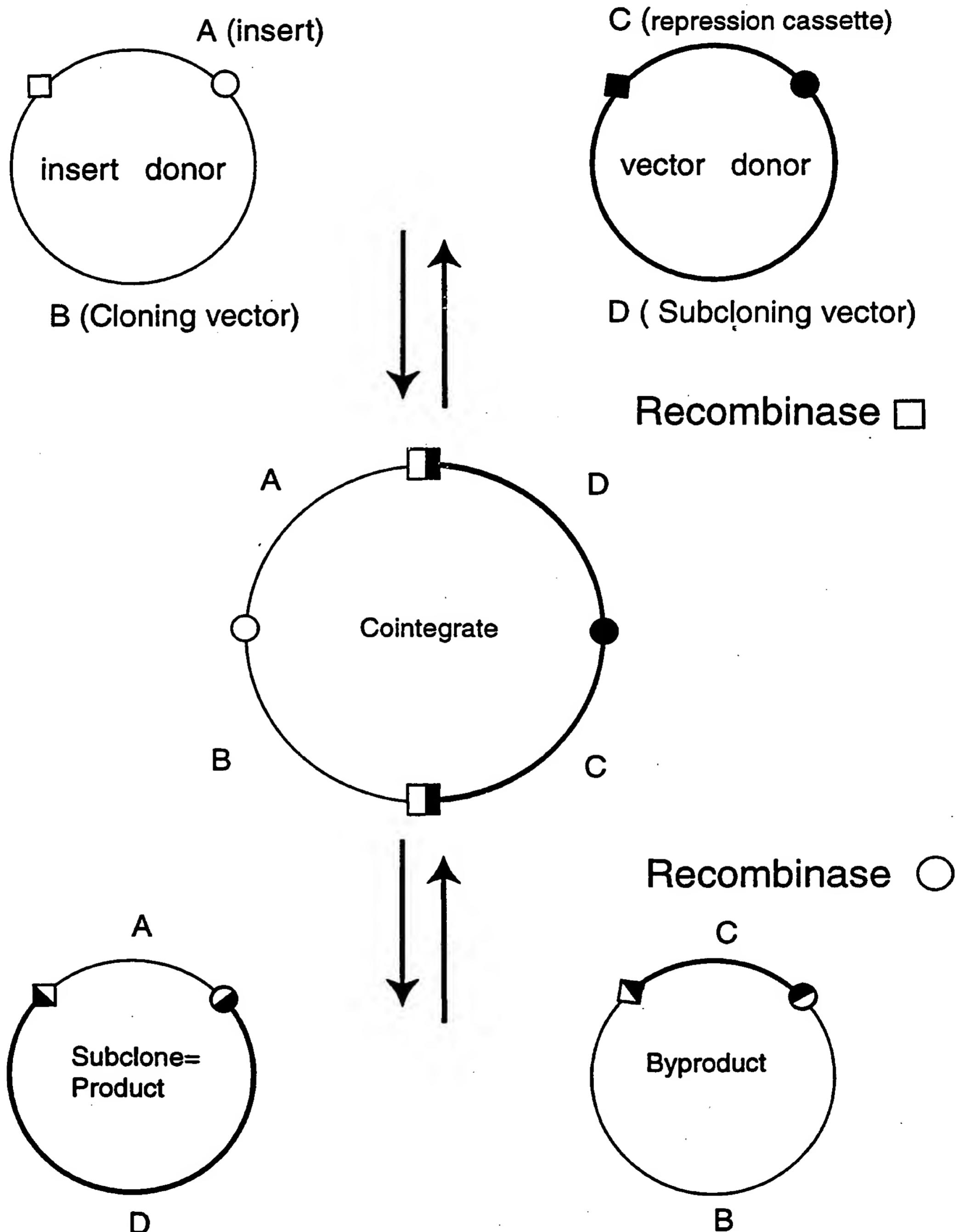
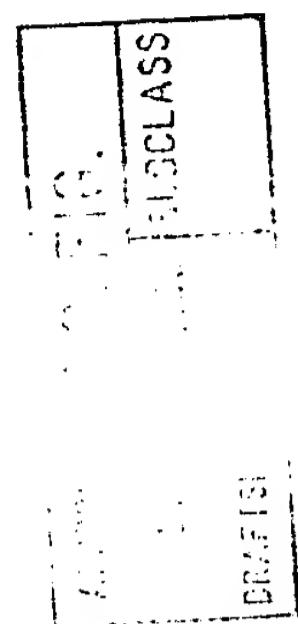


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Figure 1



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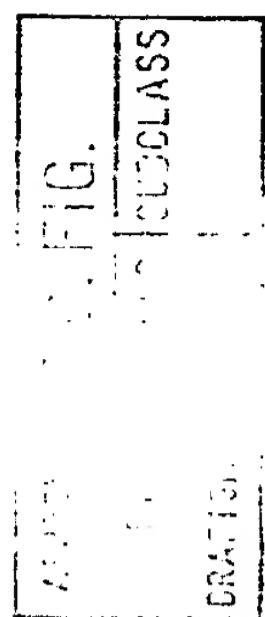
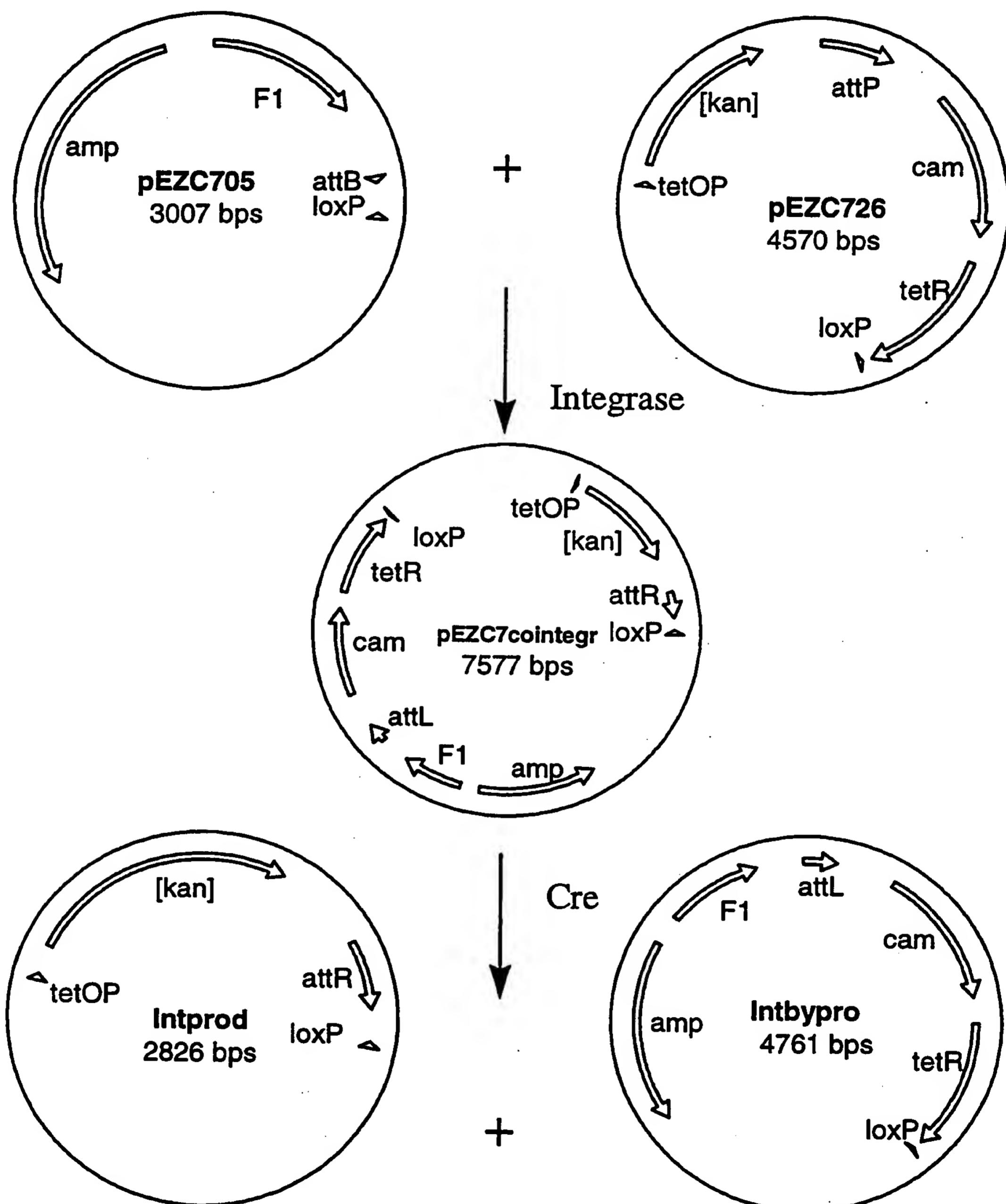


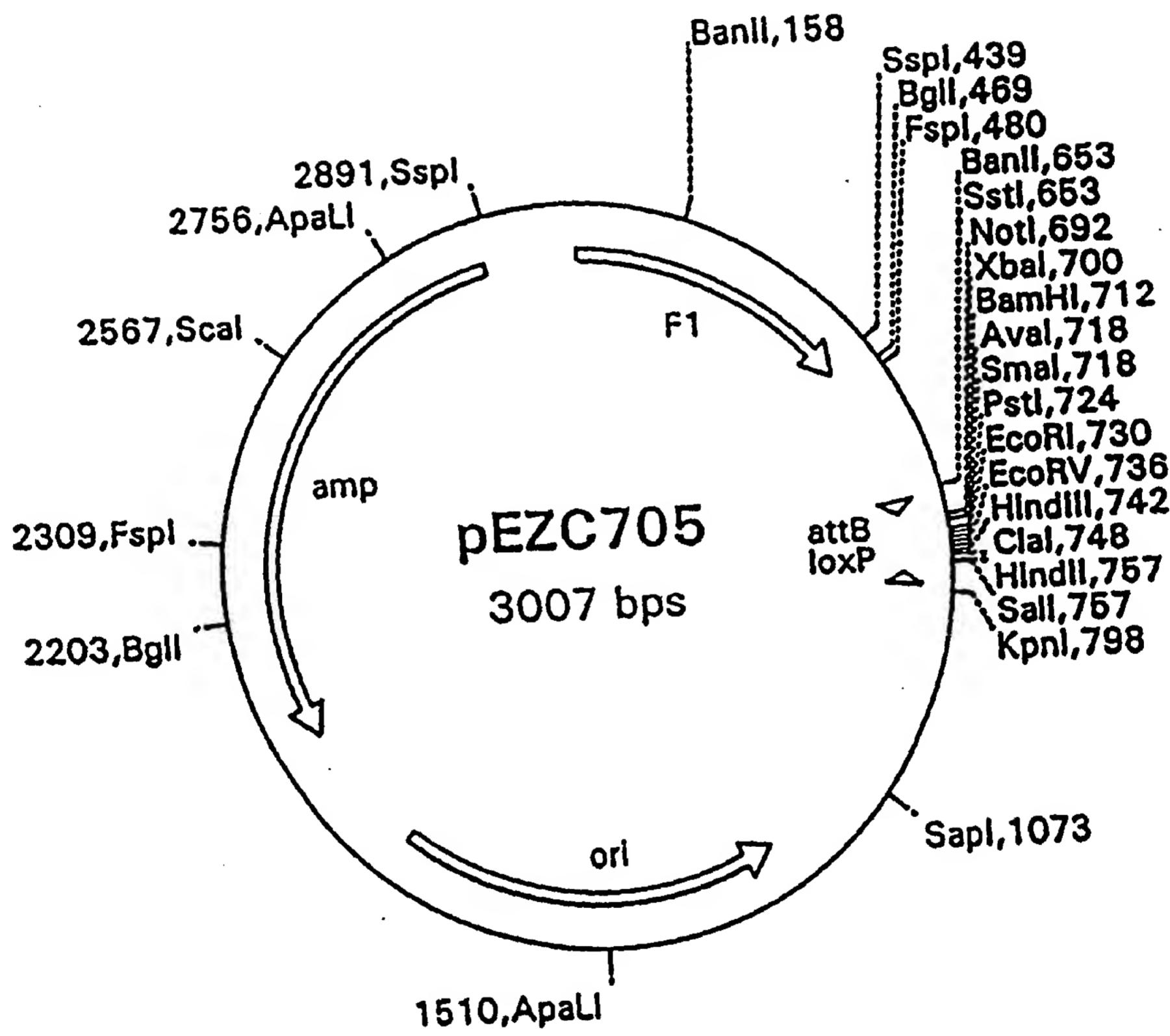
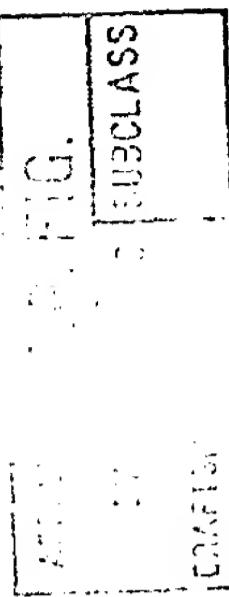
Figure 2A



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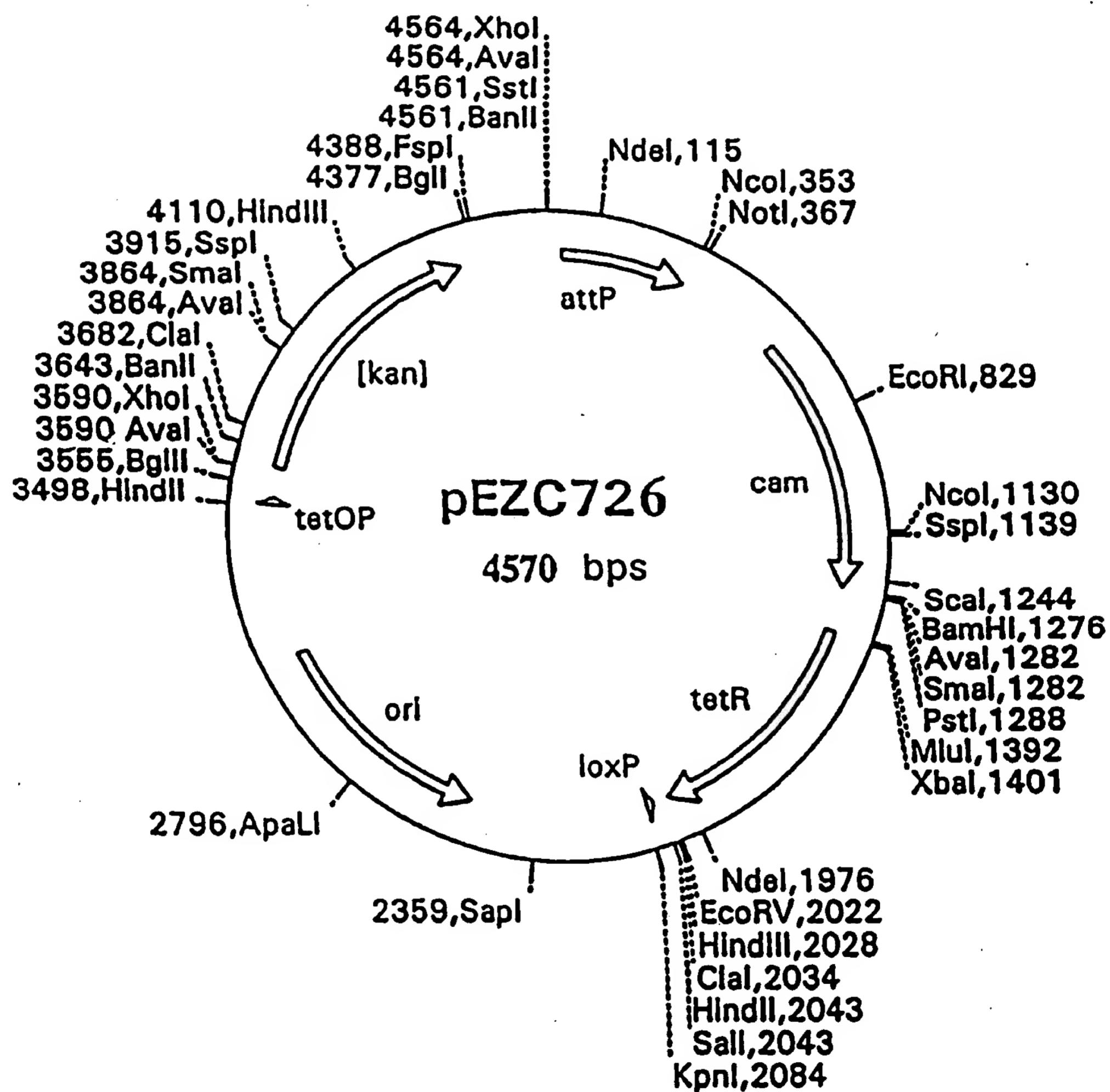
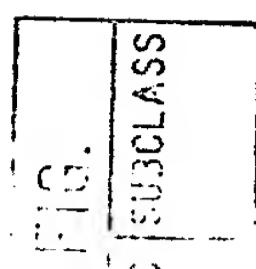
Figure 2B



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Figure 2C

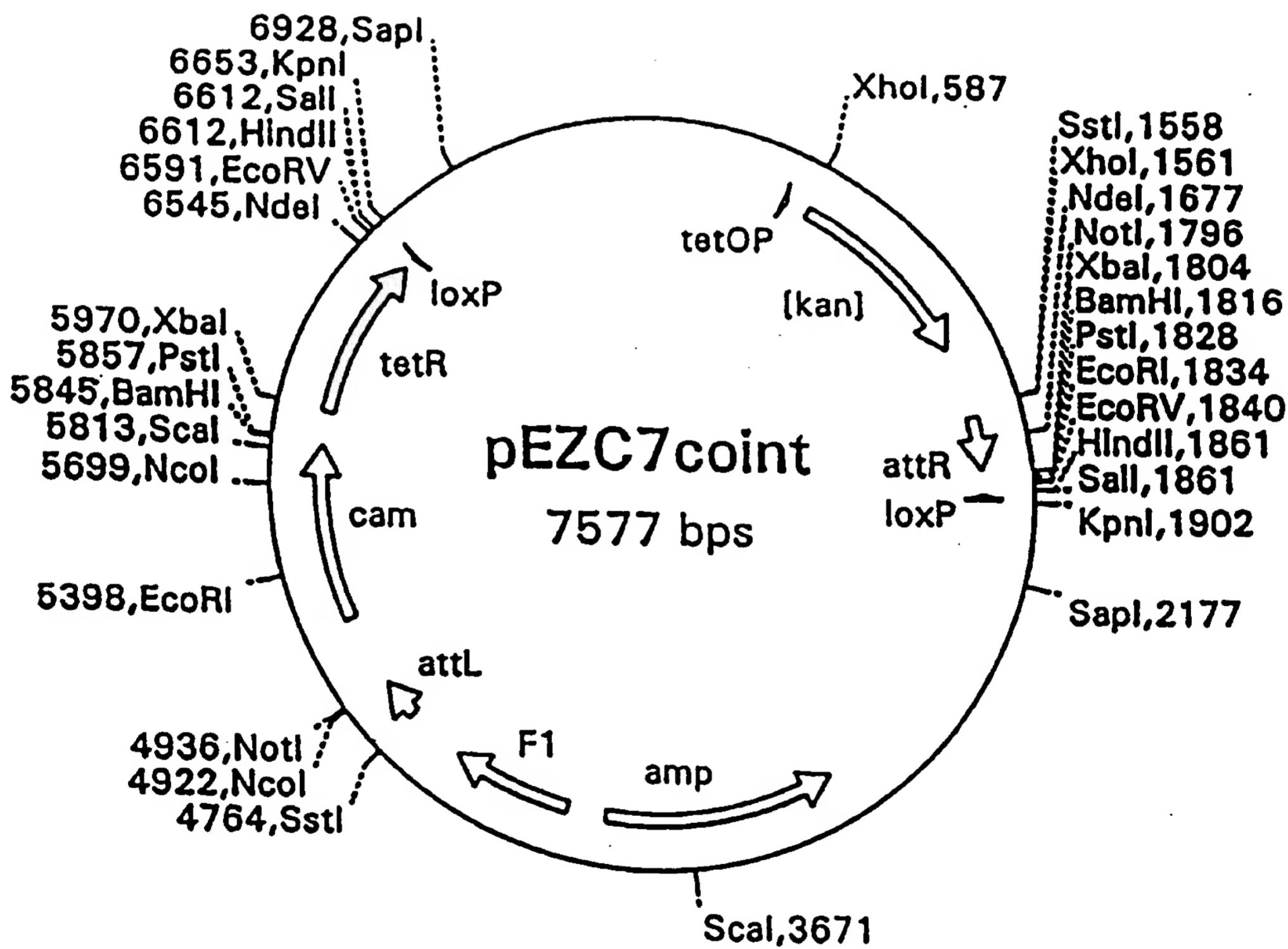


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Figure 2D

FIG.
 SUBCLASS

REF ID:
 DRAWING



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Figure 2E

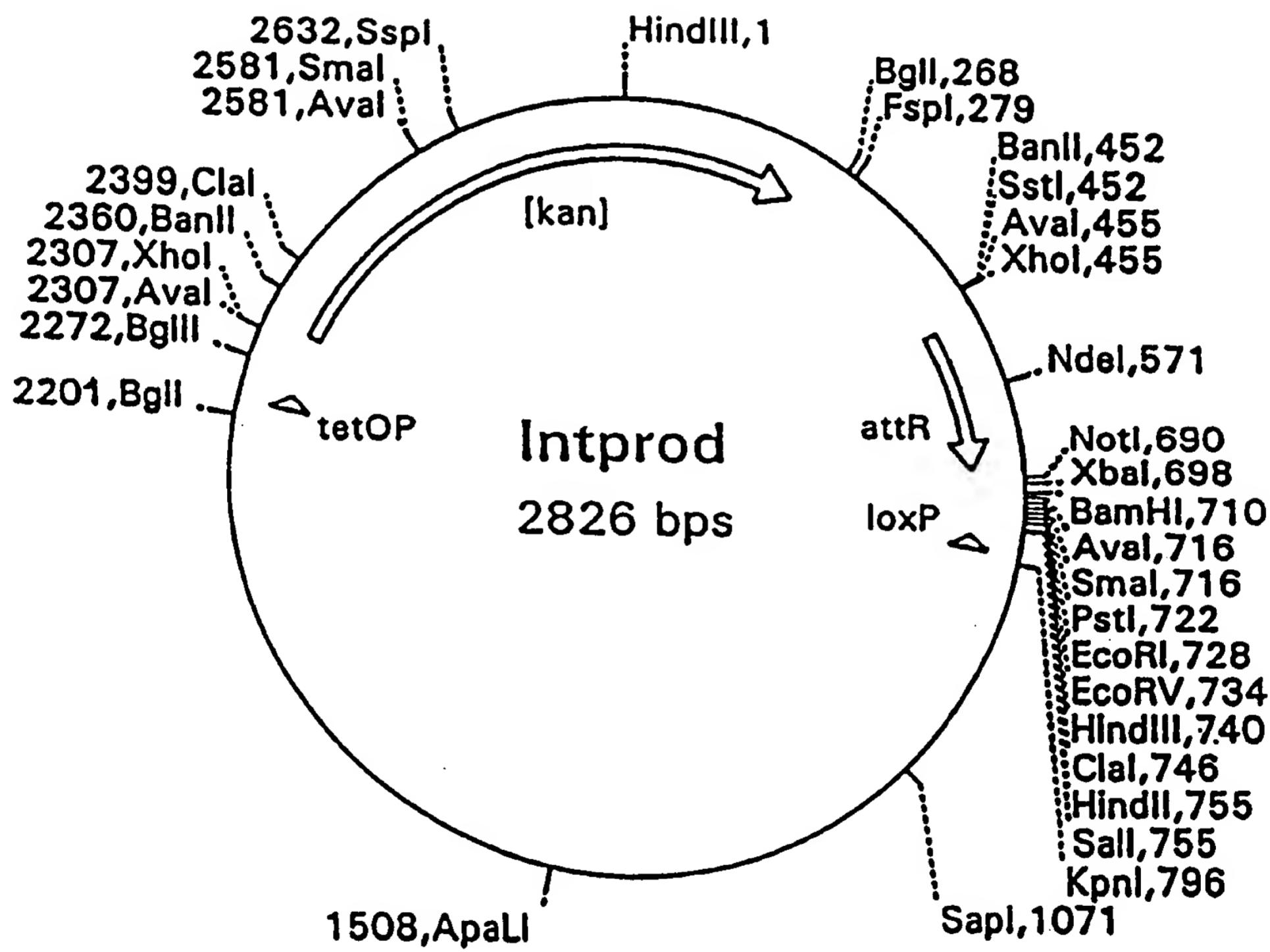
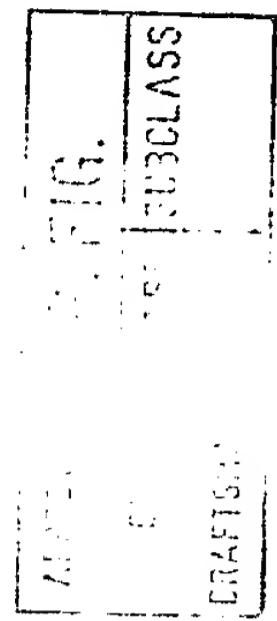
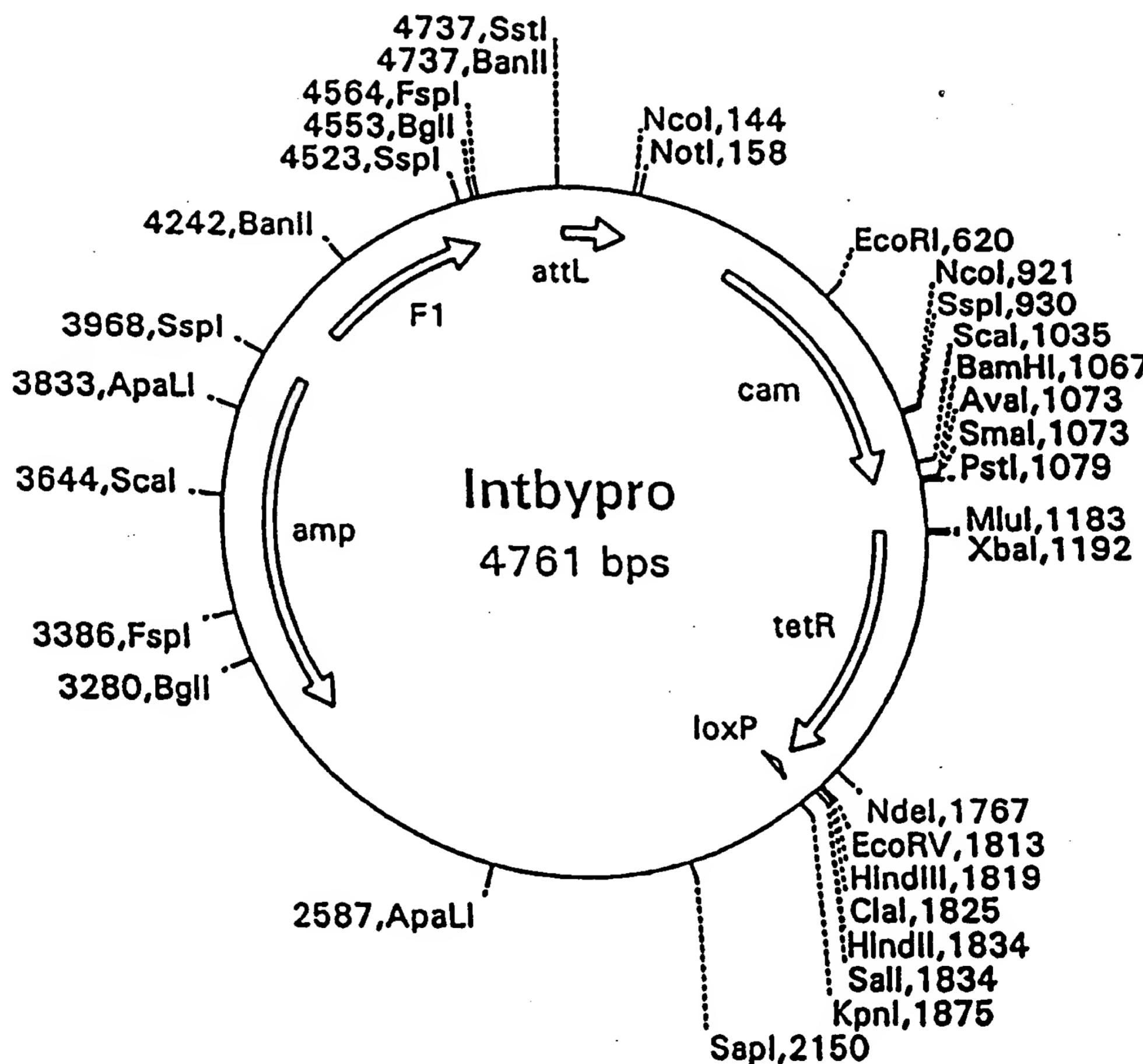
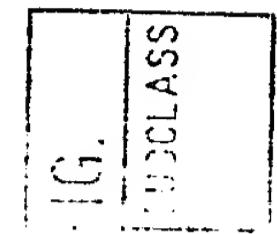




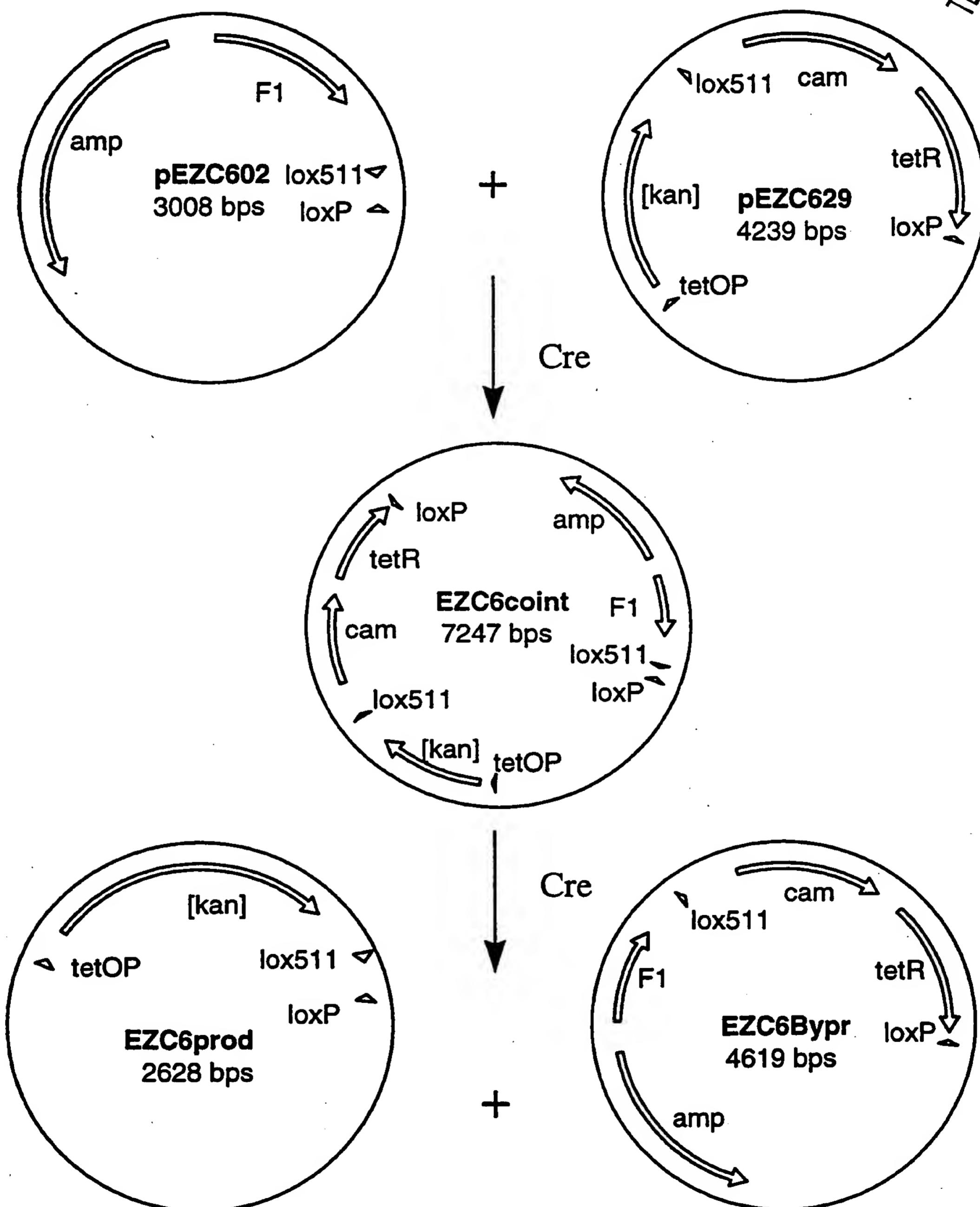
Figure 2F





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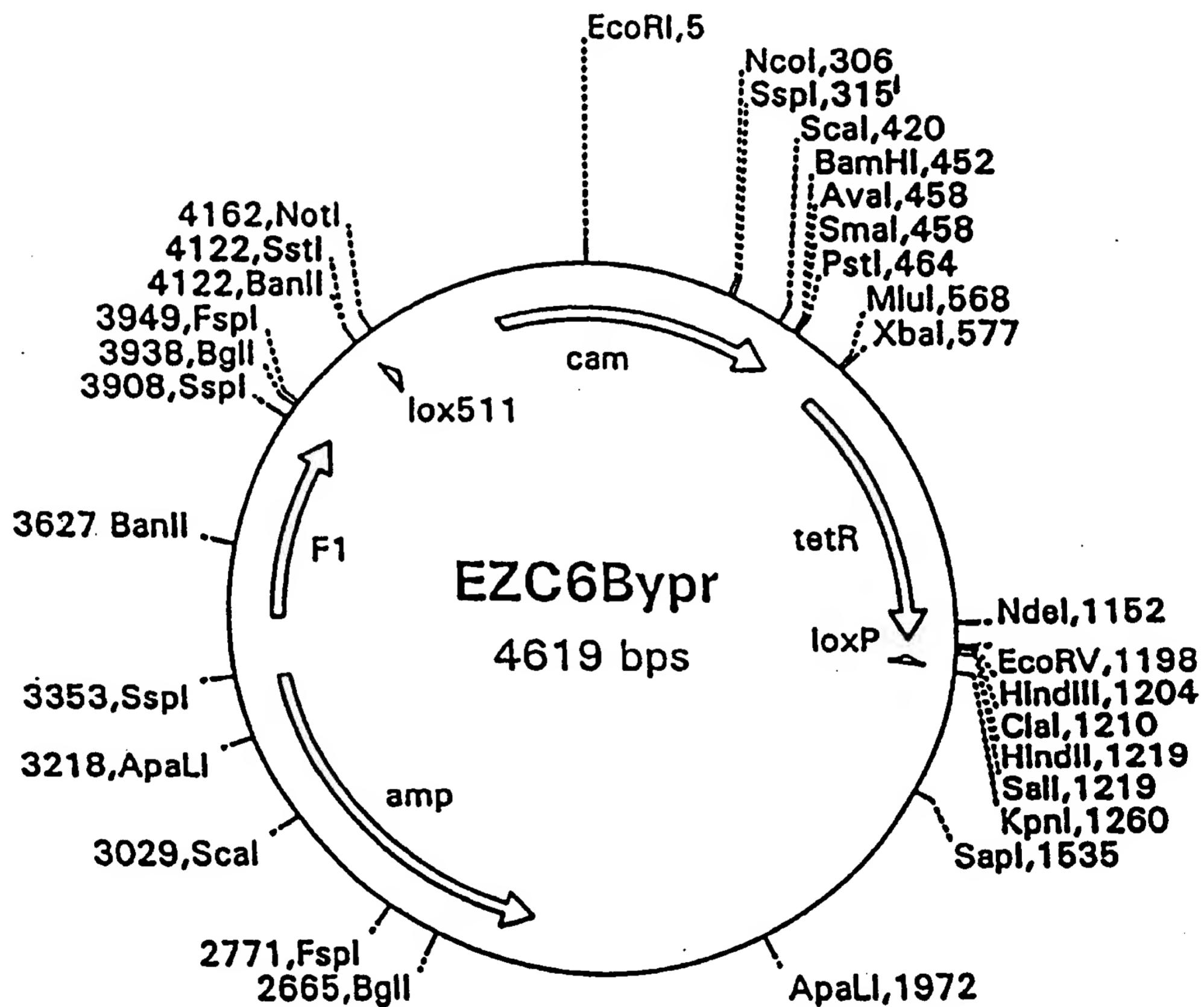
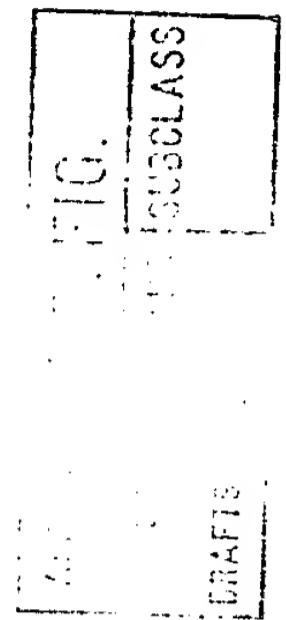
Figure 3A





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Figure 3B



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Figure 3C

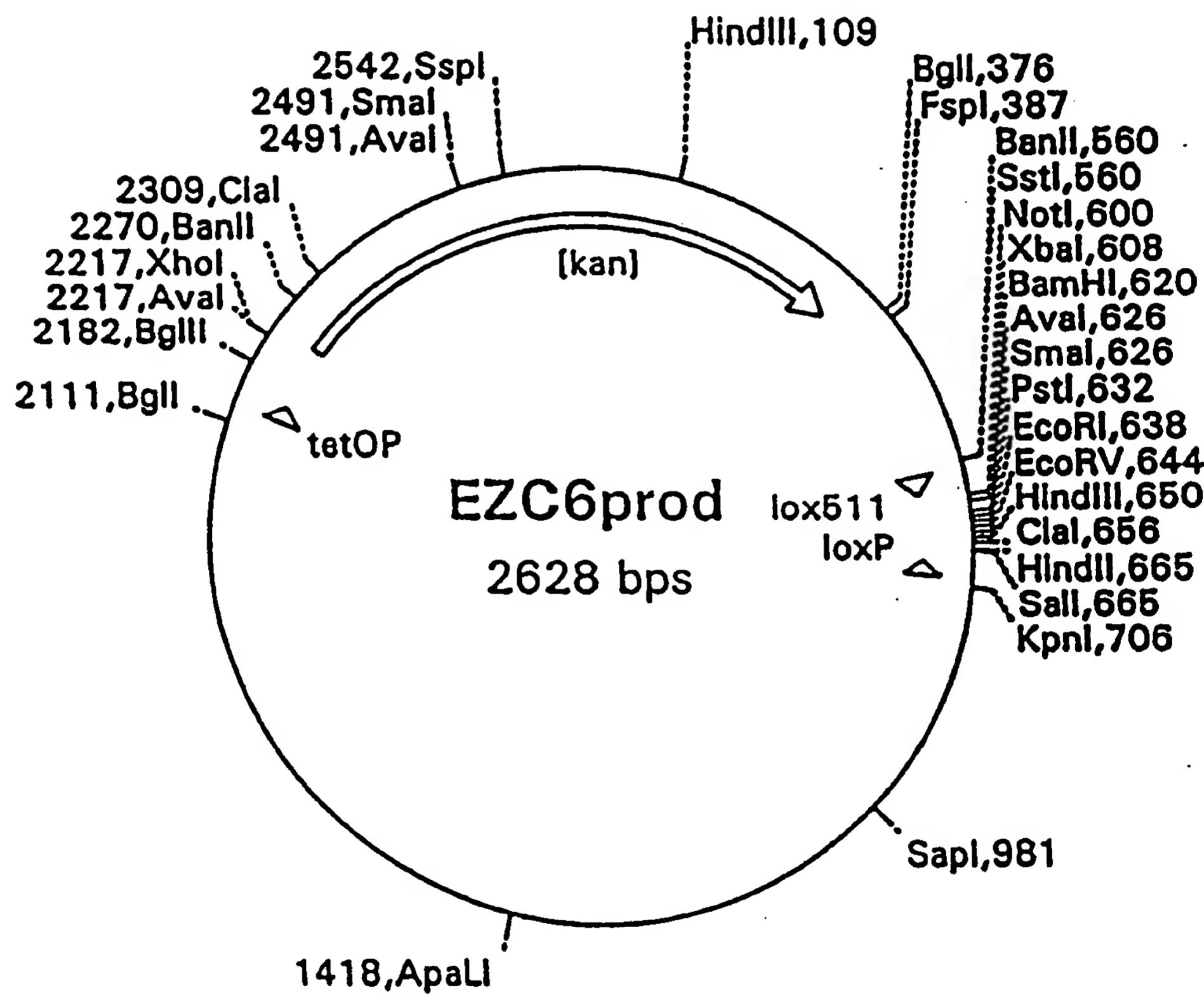
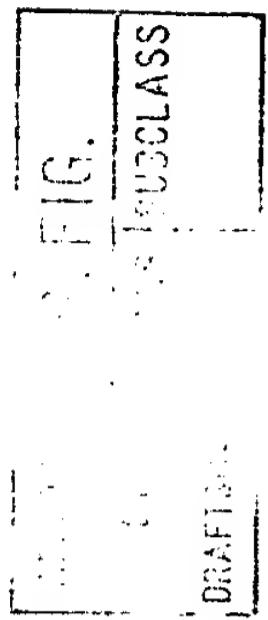
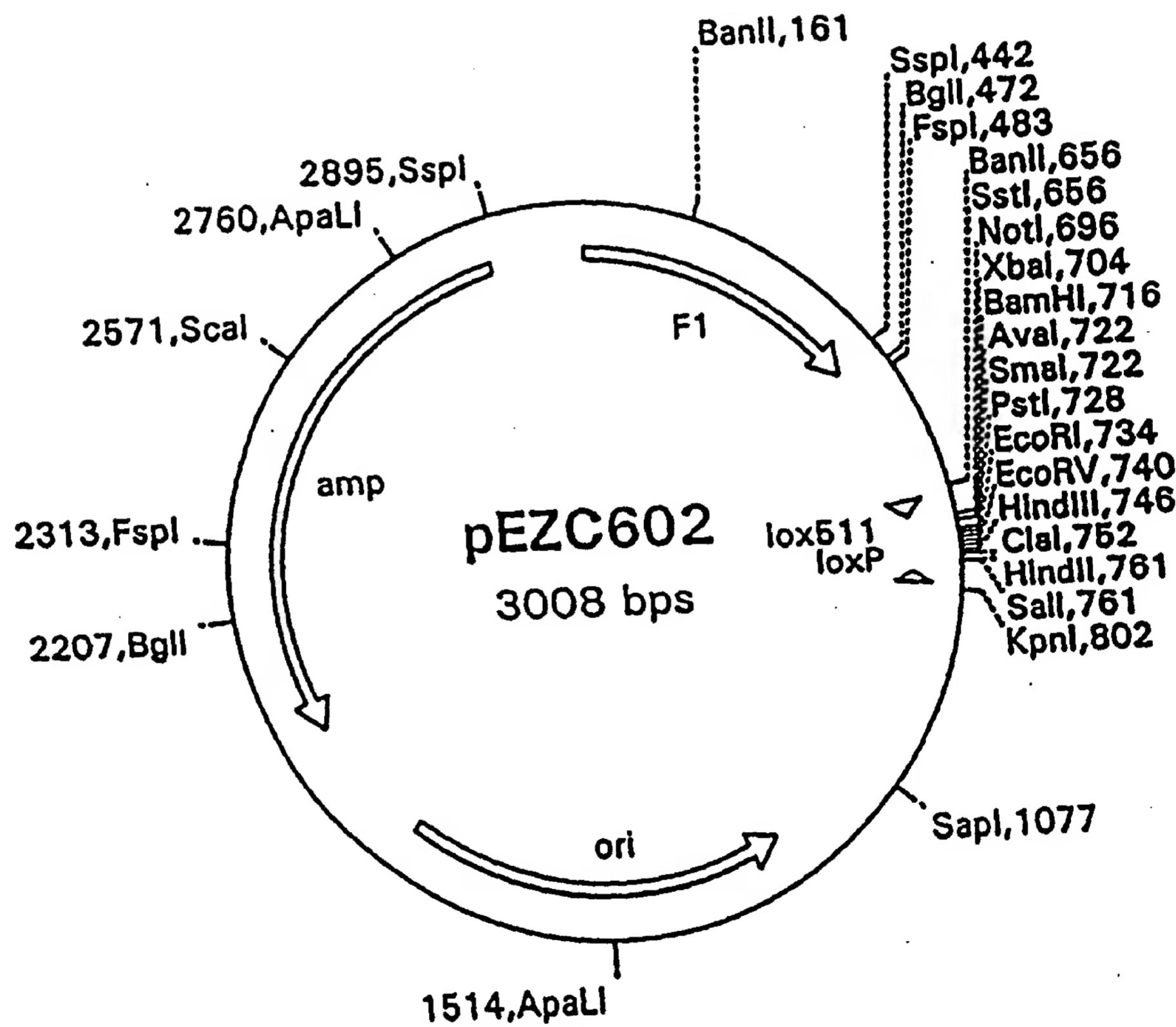
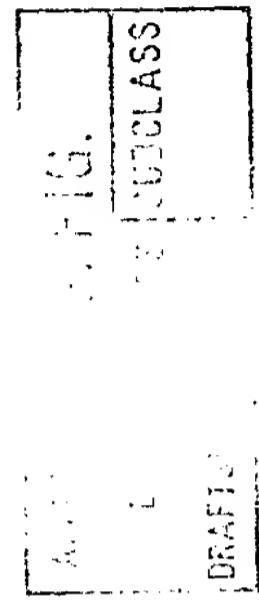




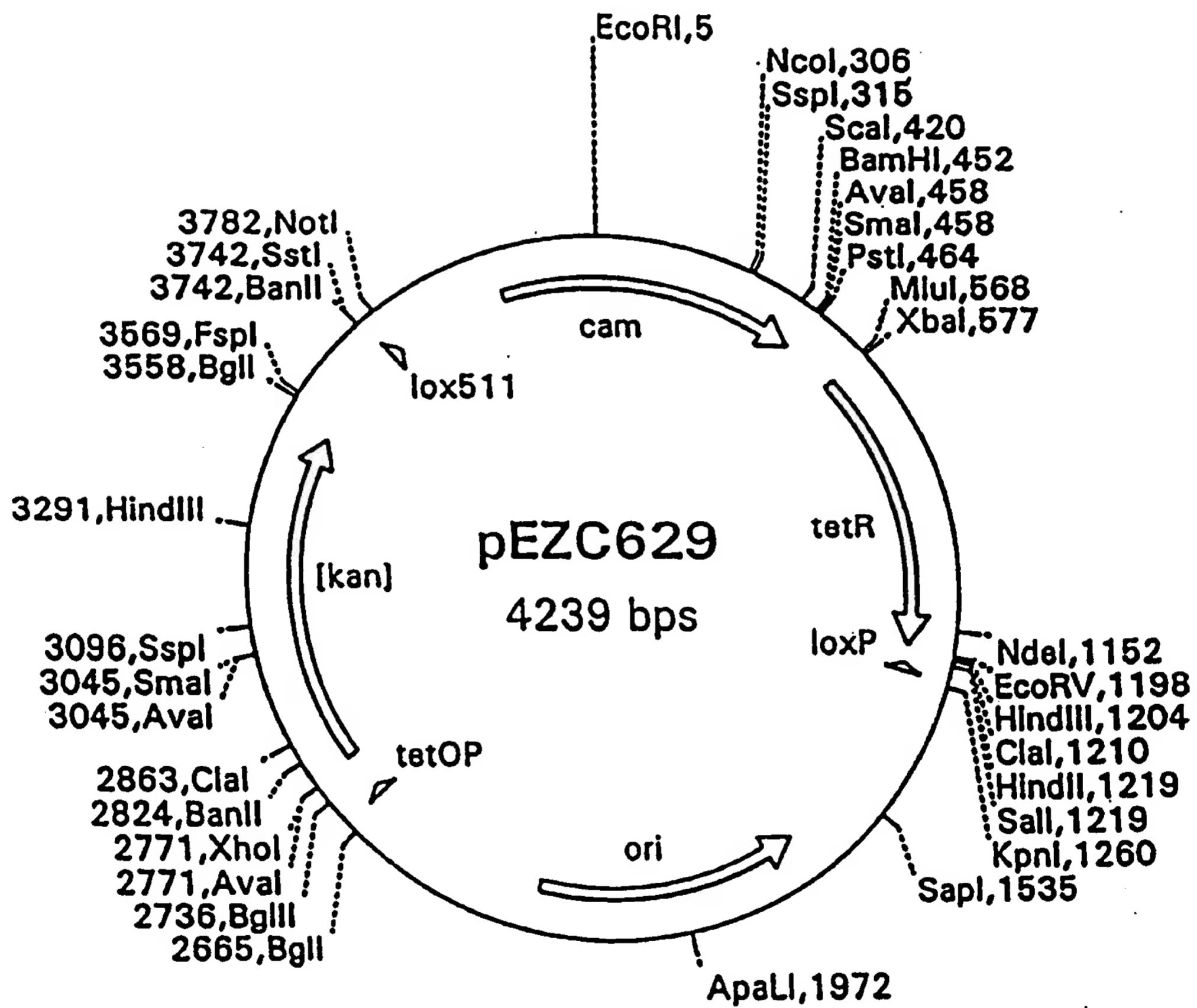
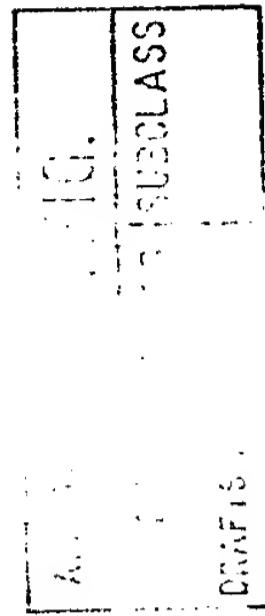
Figure 3D





No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
D. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
Inventor(s): Hartley *et al.*; Tel: 202/371-2600
Title: Recombinational Cloning Using Nucleic Acids...

Figure 3E



Appl. No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
 DK No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
 Inventor(s): Hartley *et al.*; Tel: 202/371-2600
 Title: Recombinational Cloning Using Nucleic Acids...



Figure 3F

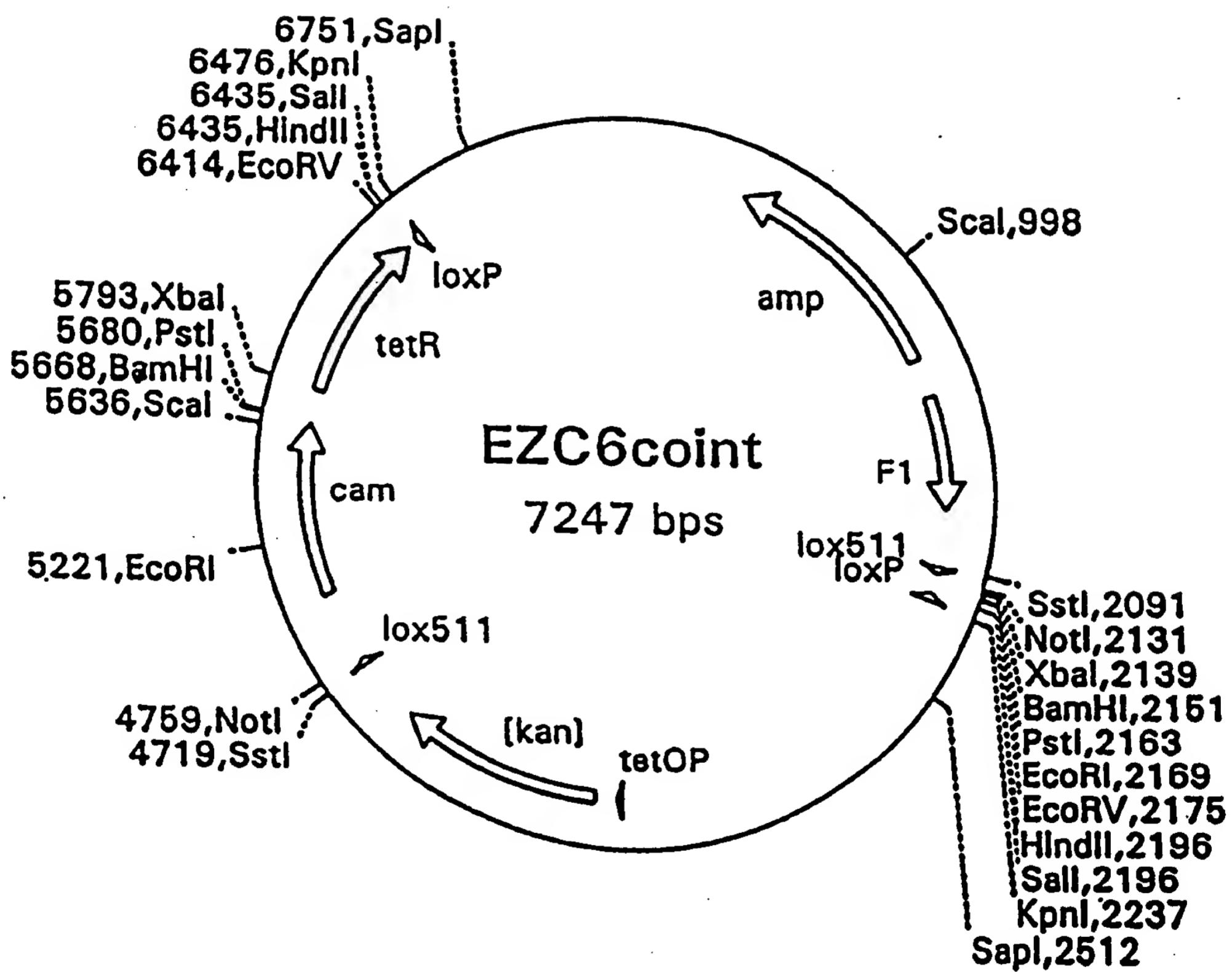




Figure 4A

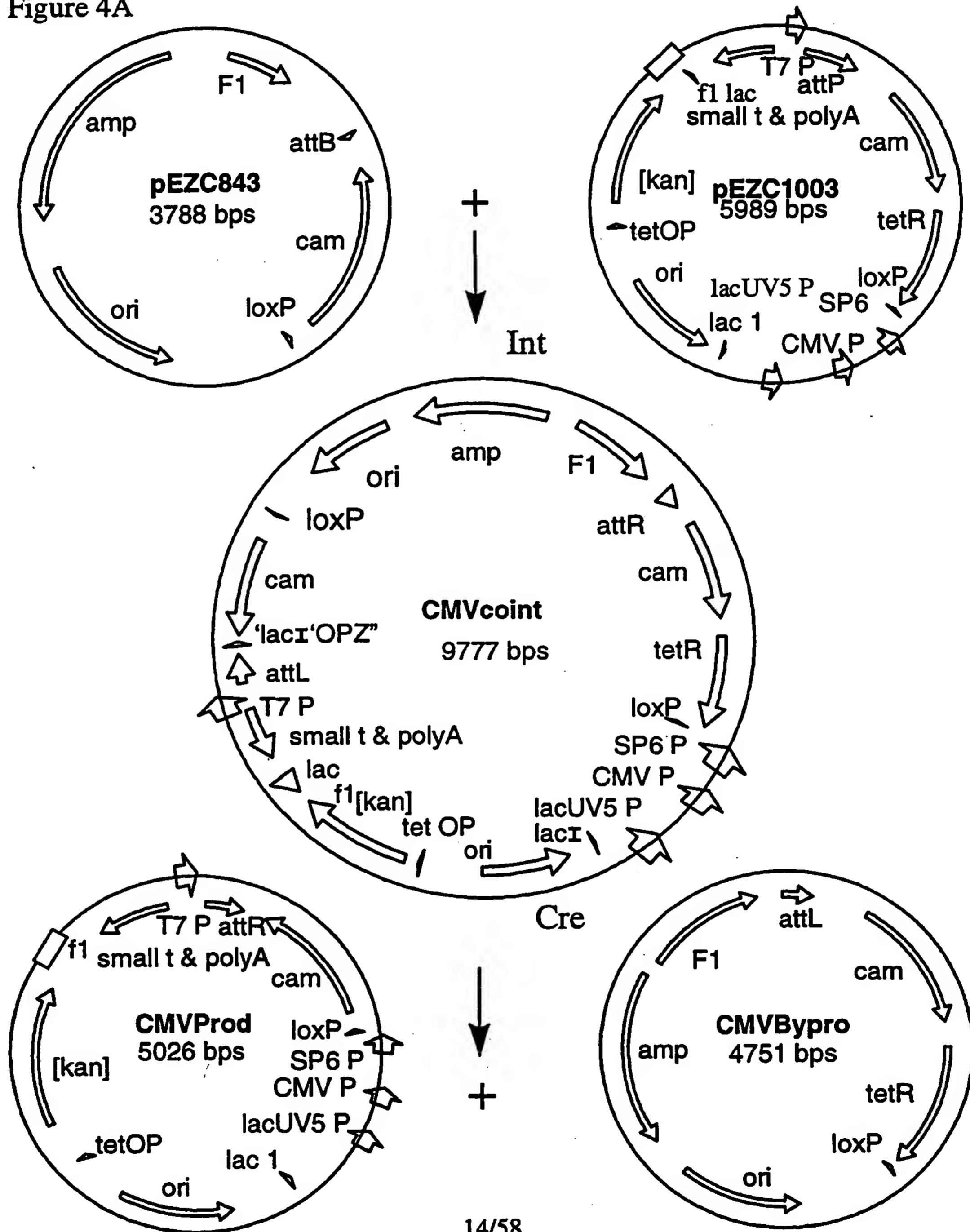
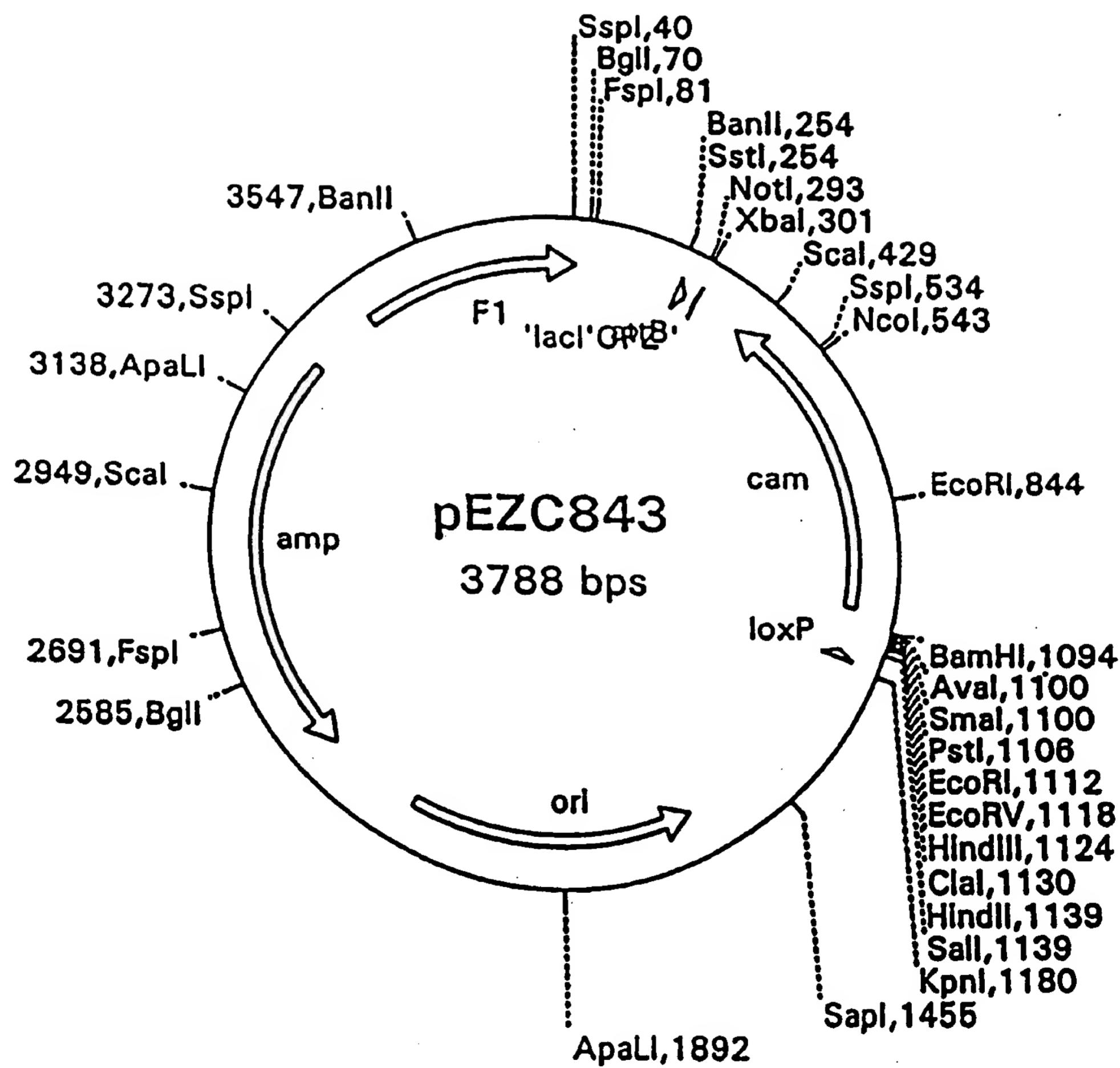
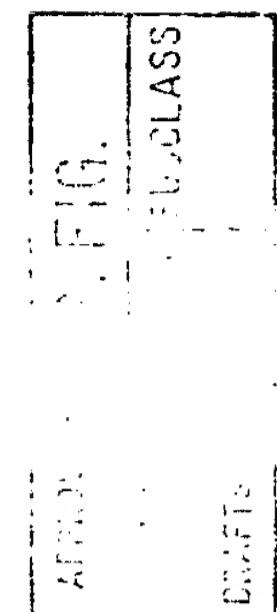




Figure 4B



Appl. No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
 Dkt. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
 Inventor(s): Hartley *et al.*; Tel: 202/371-2600
 Title: Recombinational Cloning Using Nucleic Acids...

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Figure 4C

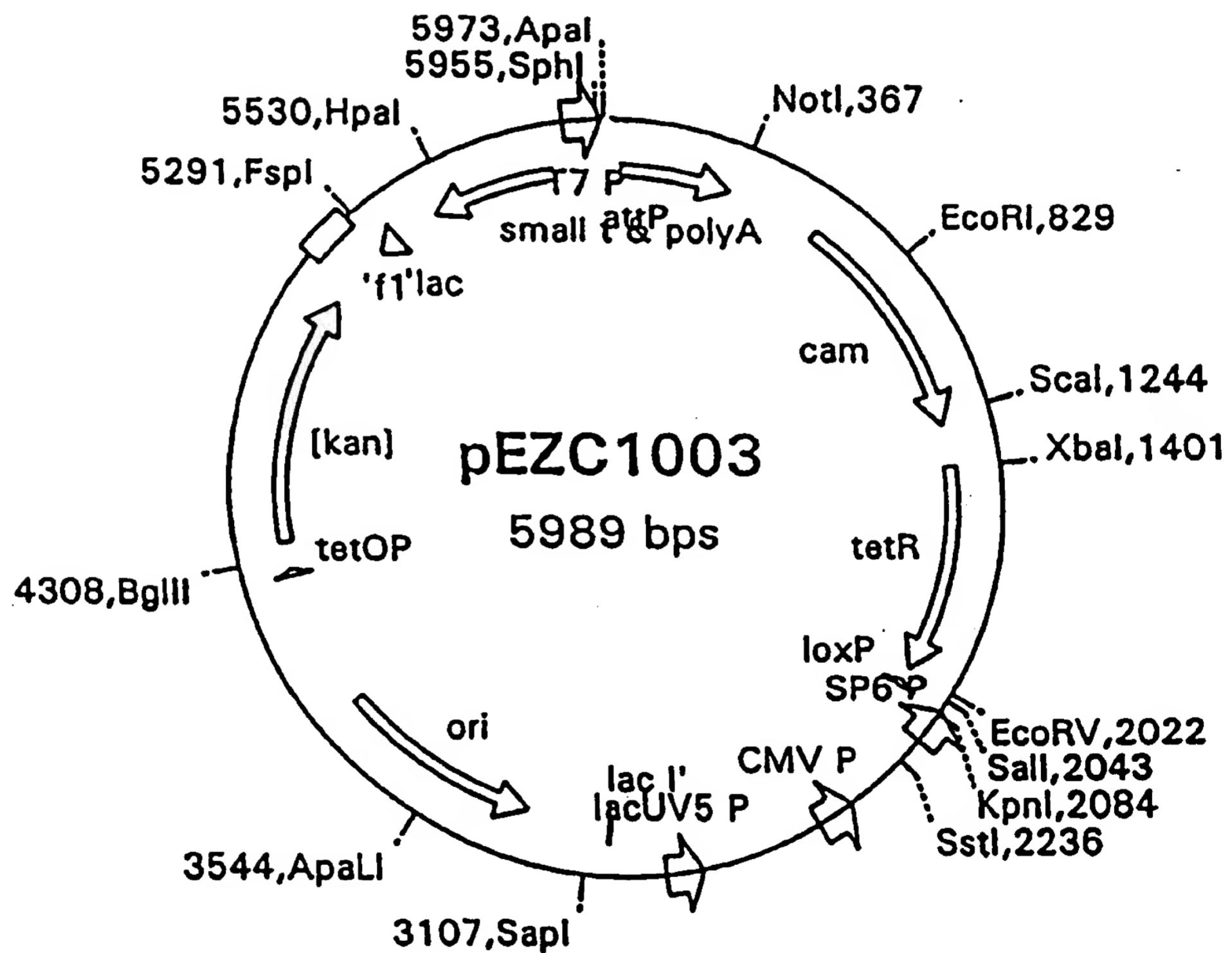




Figure 4D

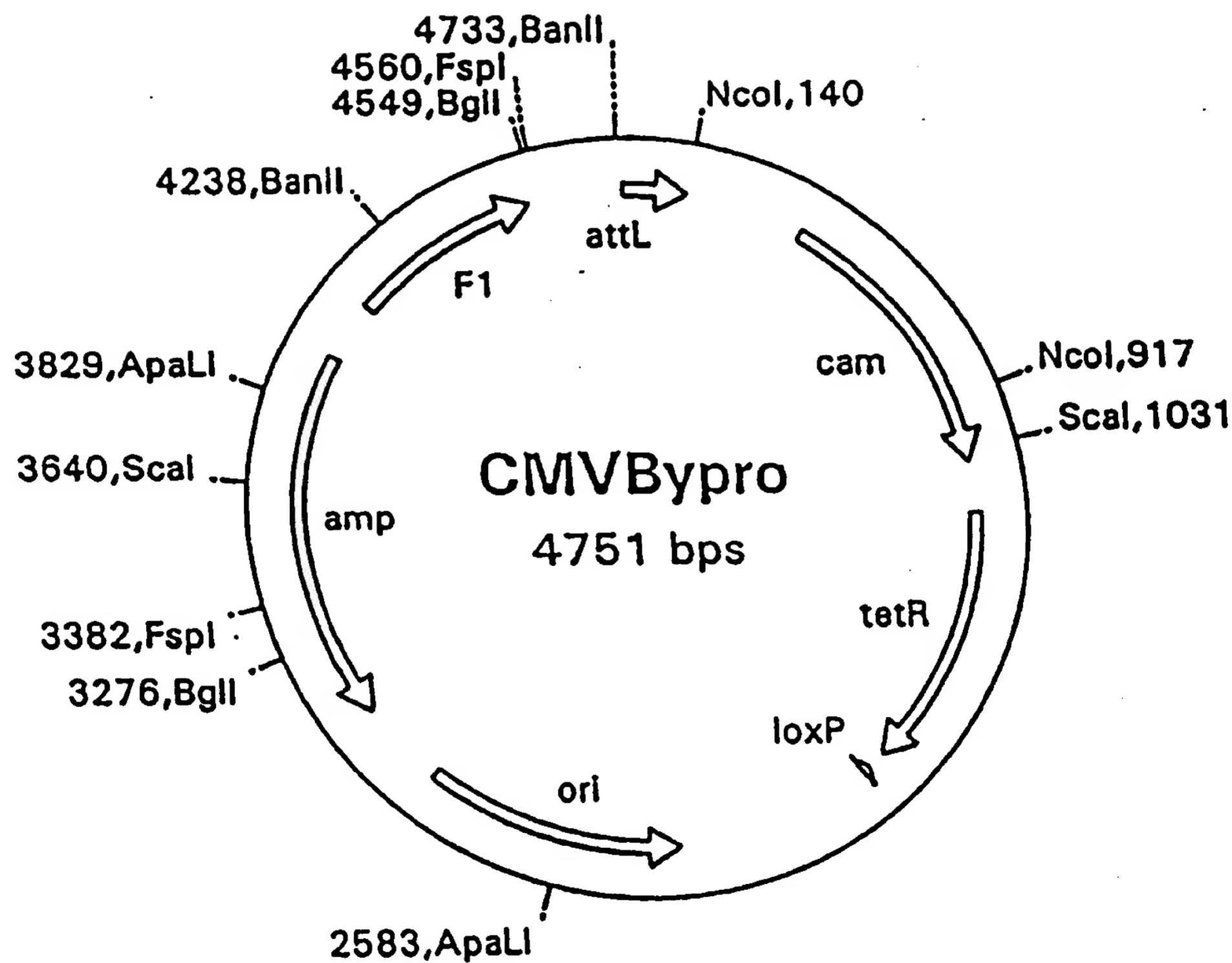
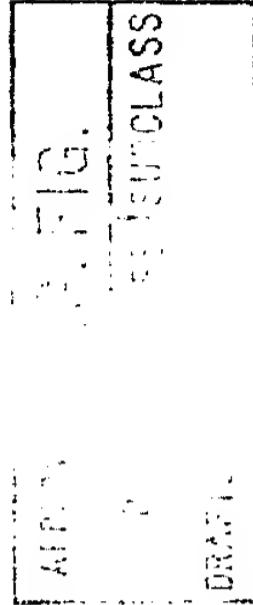
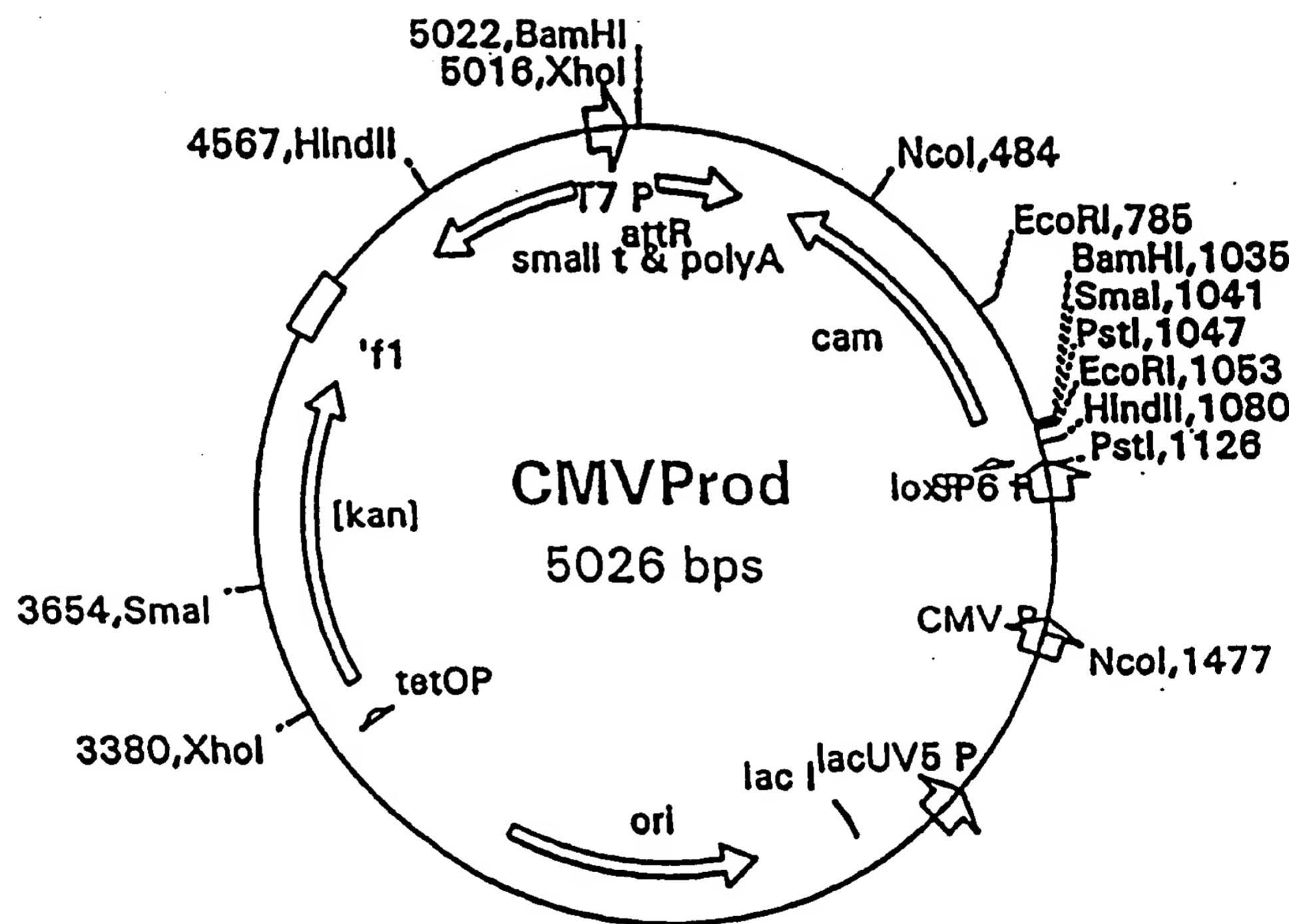
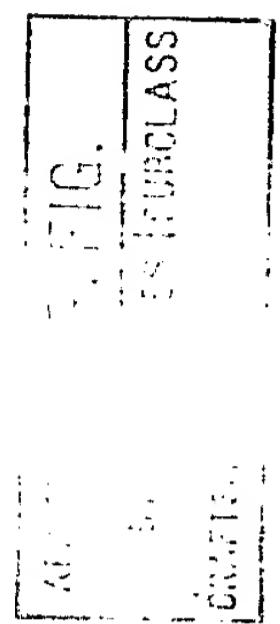




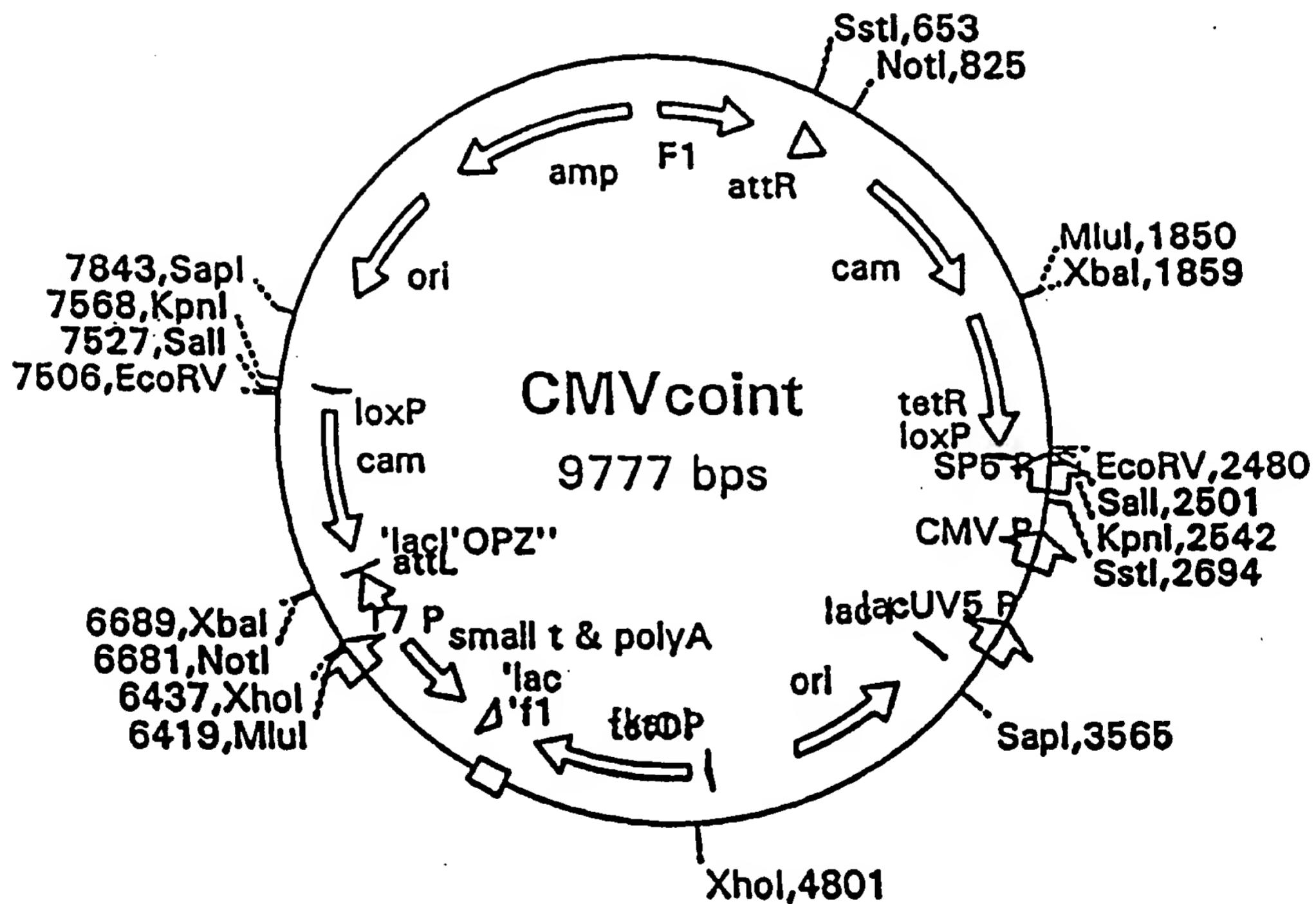
Figure 4E



Appl. No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
 Dkt. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
 Inventor(s): Hartley *et al.*; Tel: 202/371-2600
 Title: Recombinational Cloning Using Nucleic Acids...



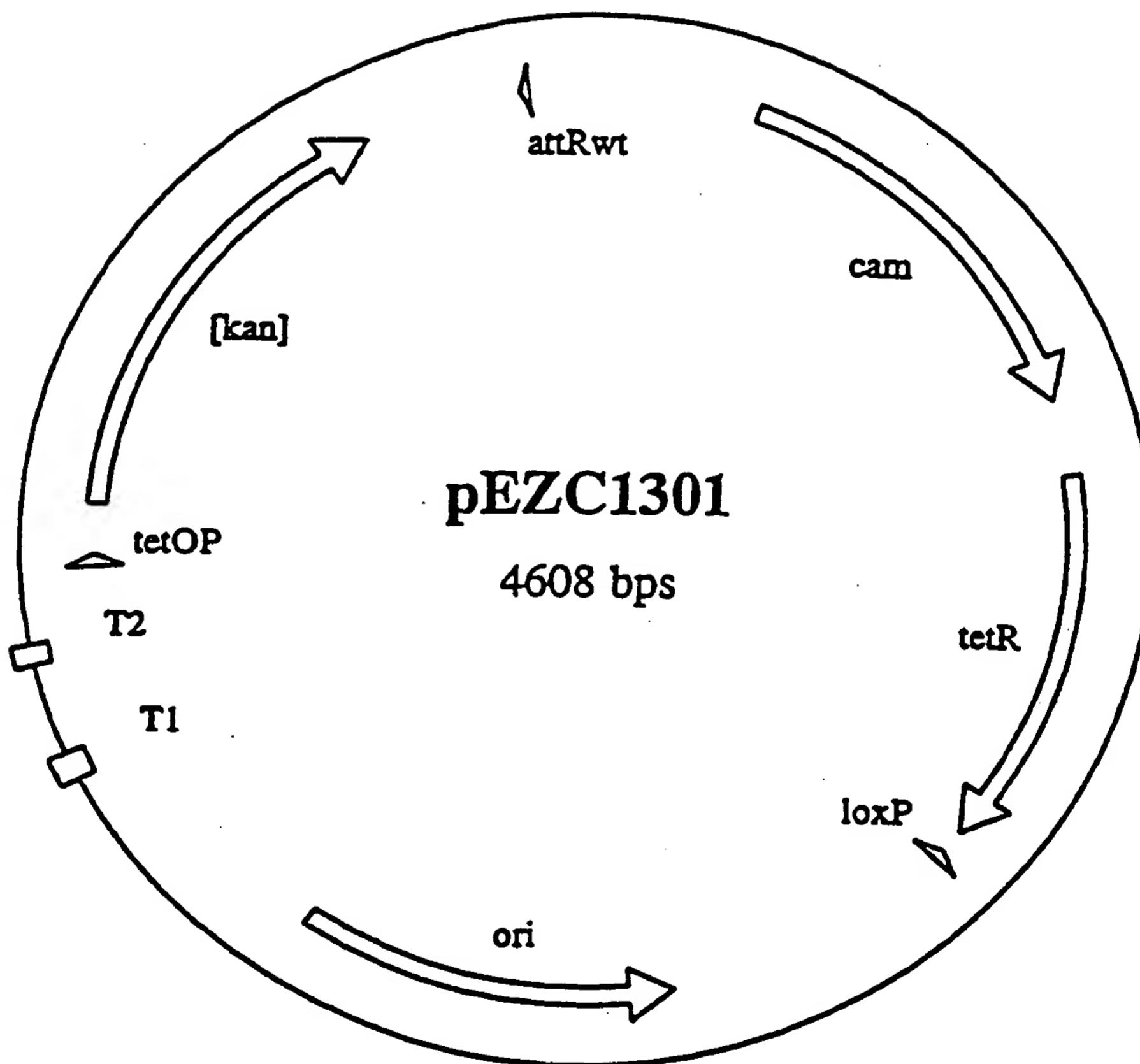
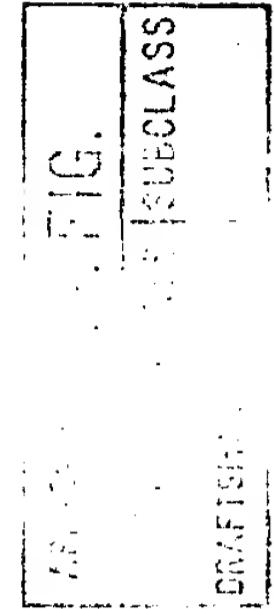
Figure 4F



Appl. No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
Dkt. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
Inventor(s): Hartley *et al.*; Tel: 202/371-2600
Title: Recombinational Cloning Using Nucleic Acids...



Figure 5A

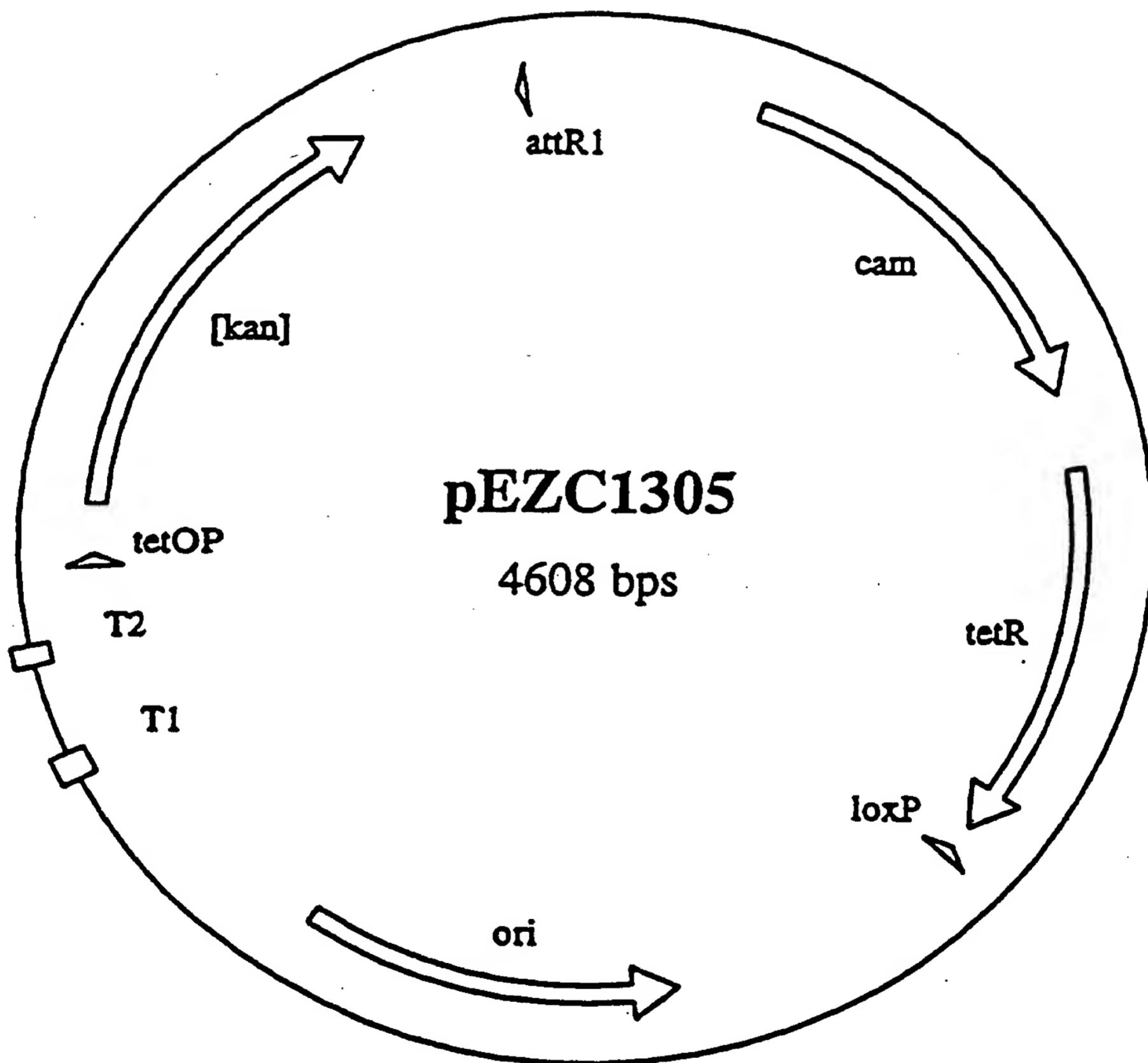
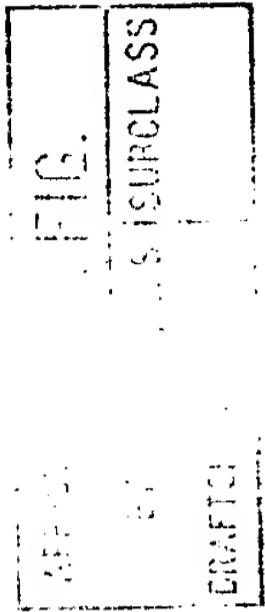


1. No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
 At. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
 Inventor(s): Hartley *et al.*; Tel: 202/371-2600
 Title: Recombinational Cloning Using Nucleic Acids...



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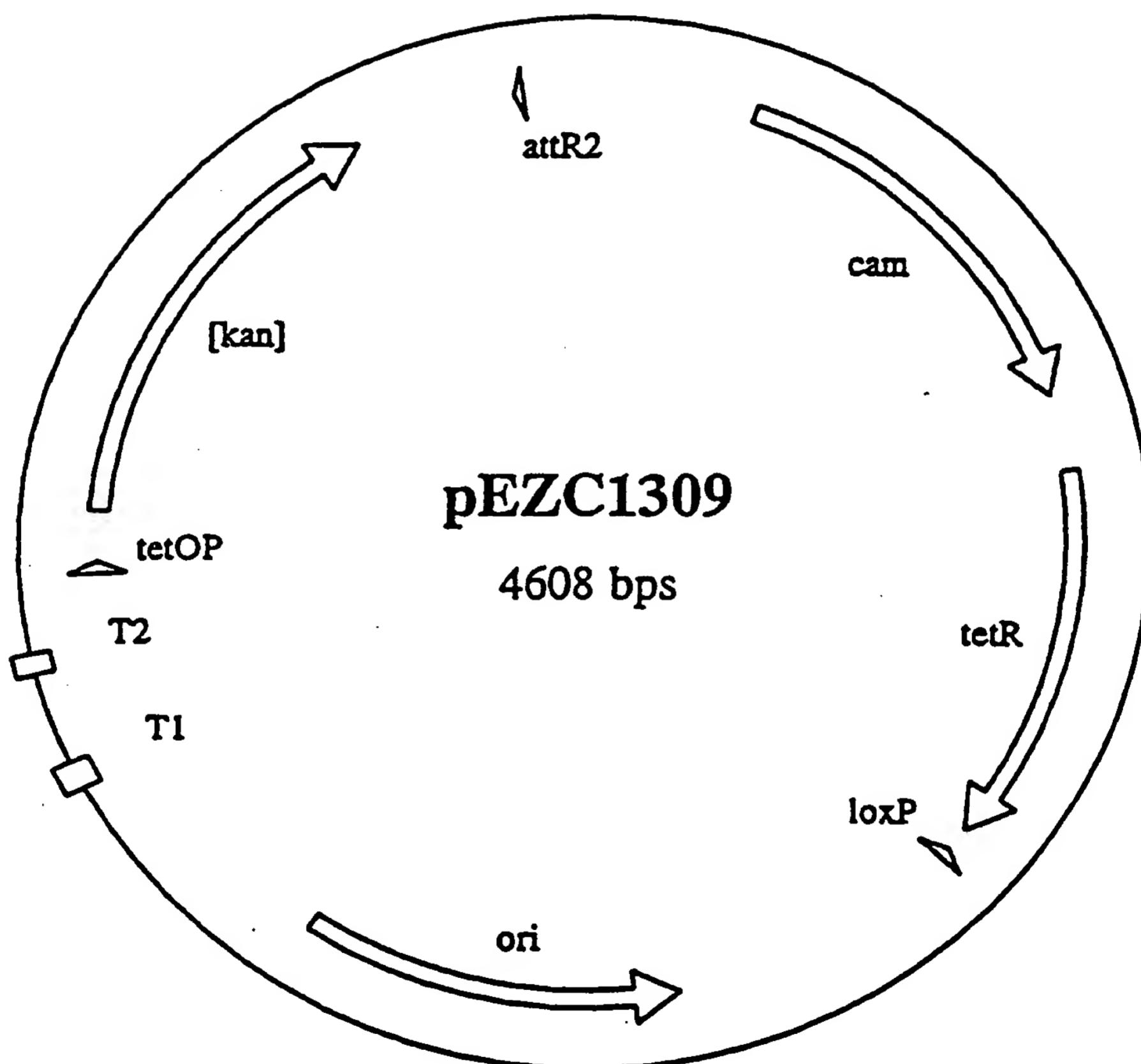
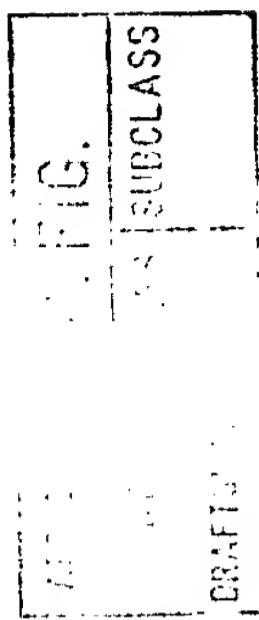
Figure 5B



No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
Inventor(s): Hartley *et al.*; Tel: 202/371-2600
Title: Recombinational Cloning Using Nucleic Acids...



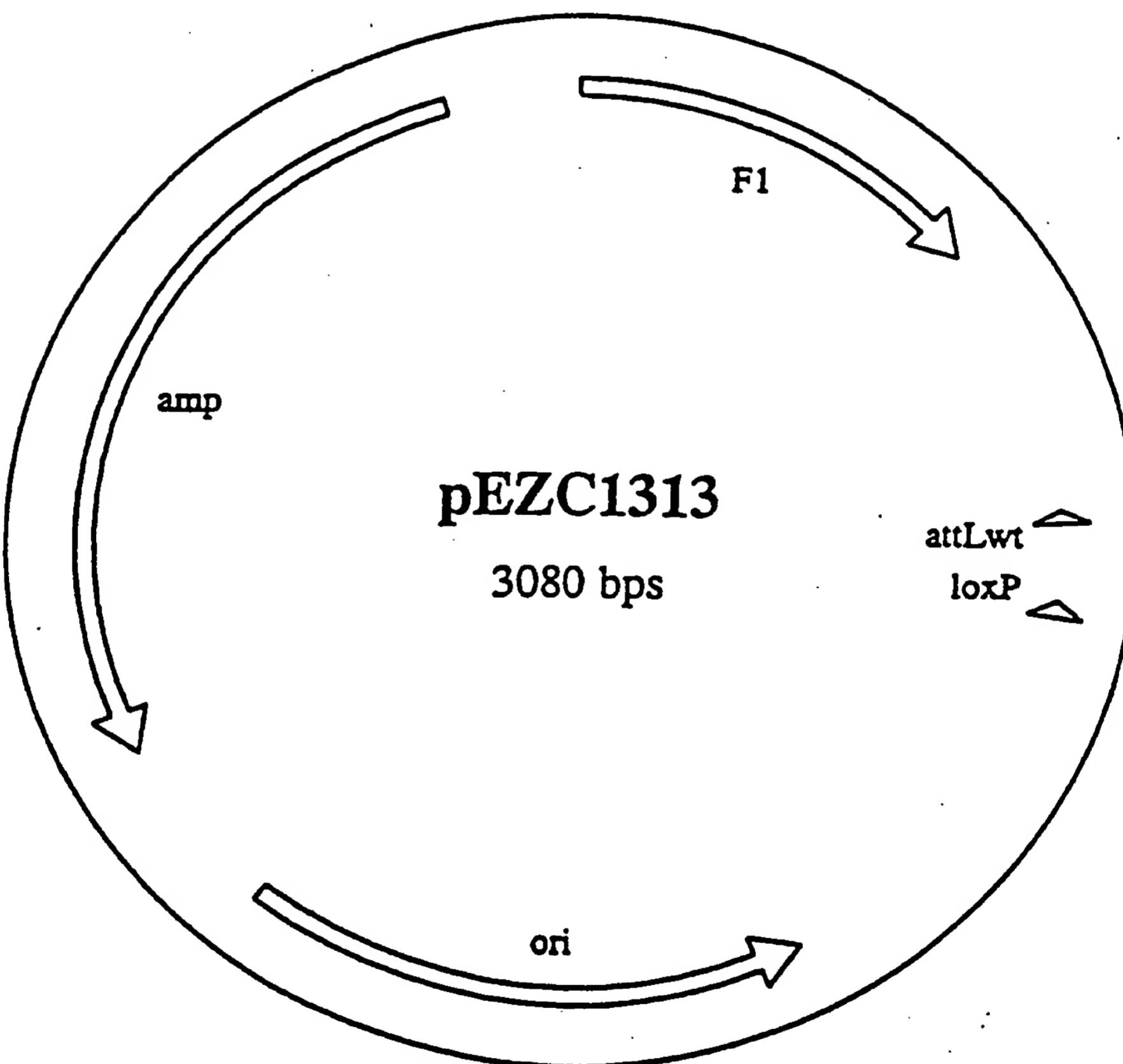
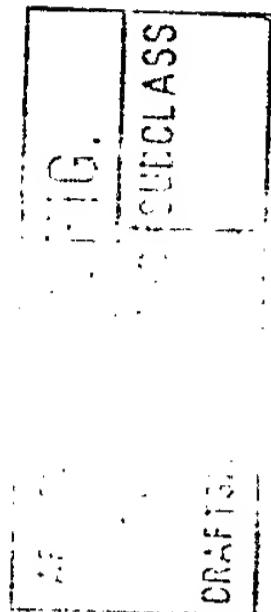
Figure 5C



Ap. No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
Dkt. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
Inventor(s): Hartley *et al.*; Tel: 202/371-2600
Title: Recombinational Cloning Using Nucleic Acids...



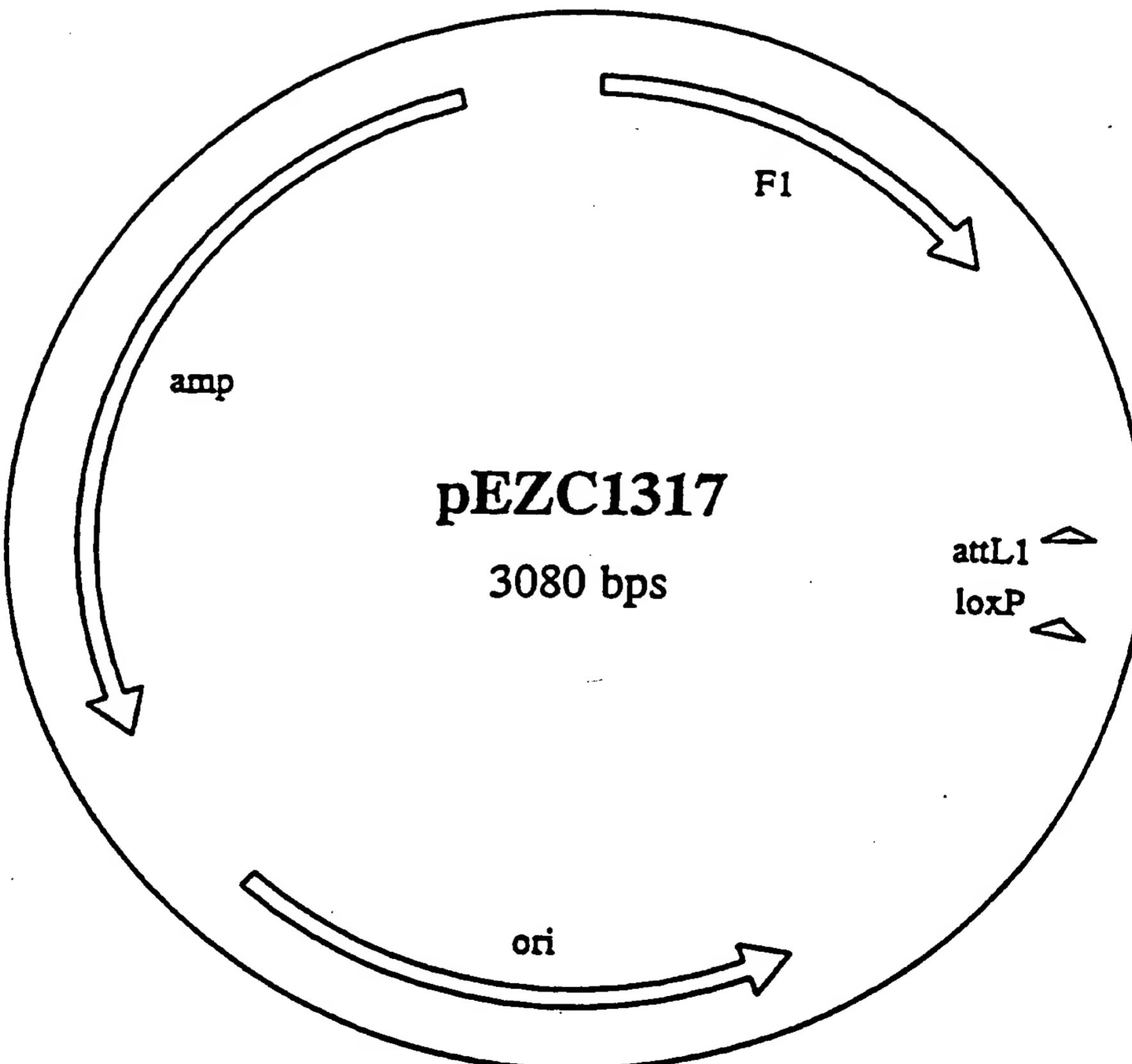
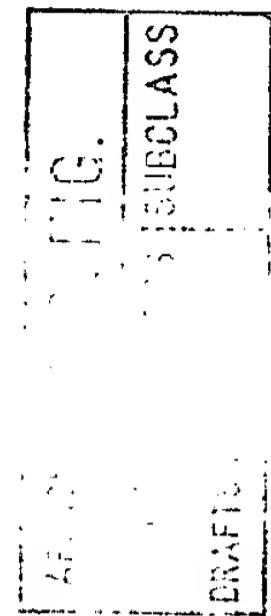
Figure 5D



Patent No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
Dkt. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
Inventor(s): Hartley *et al.*; Tel: 202/371-2600
Title: Recombinational Cloning Using Nucleic Acids...



Figure 5E



pp. No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
Dkt. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
Inventor(s): Hartley *et al.*; Tel: 202/371-2600
Title: Recombinational Cloning Using Nucleic Acids...



Figure 5F

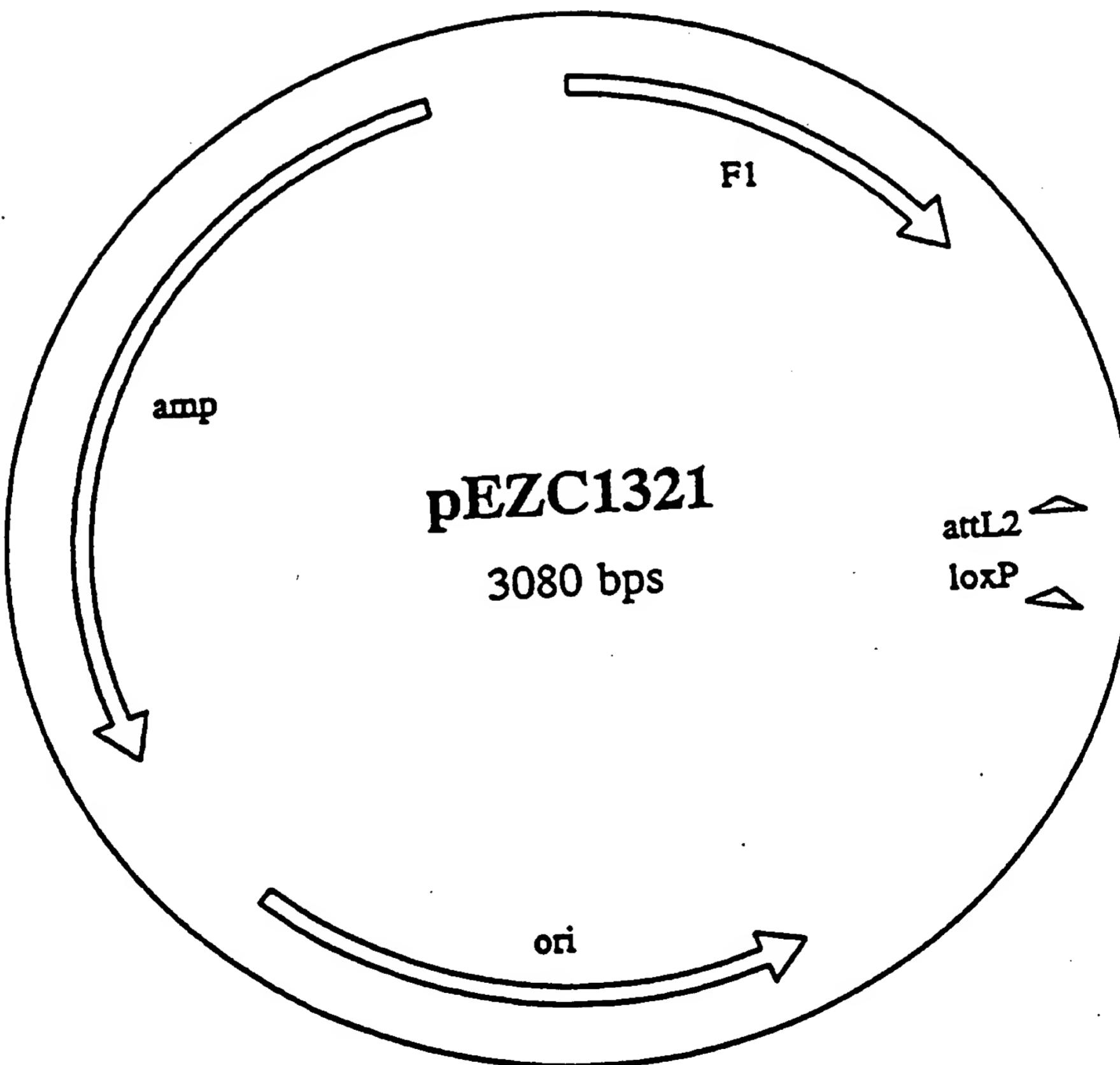
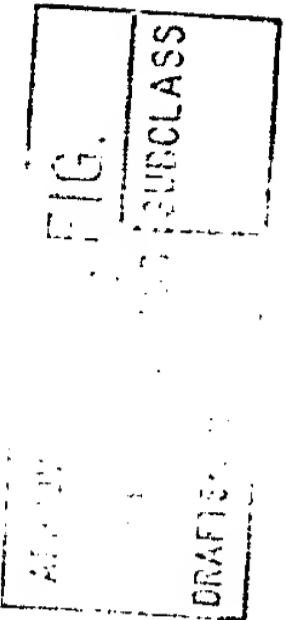
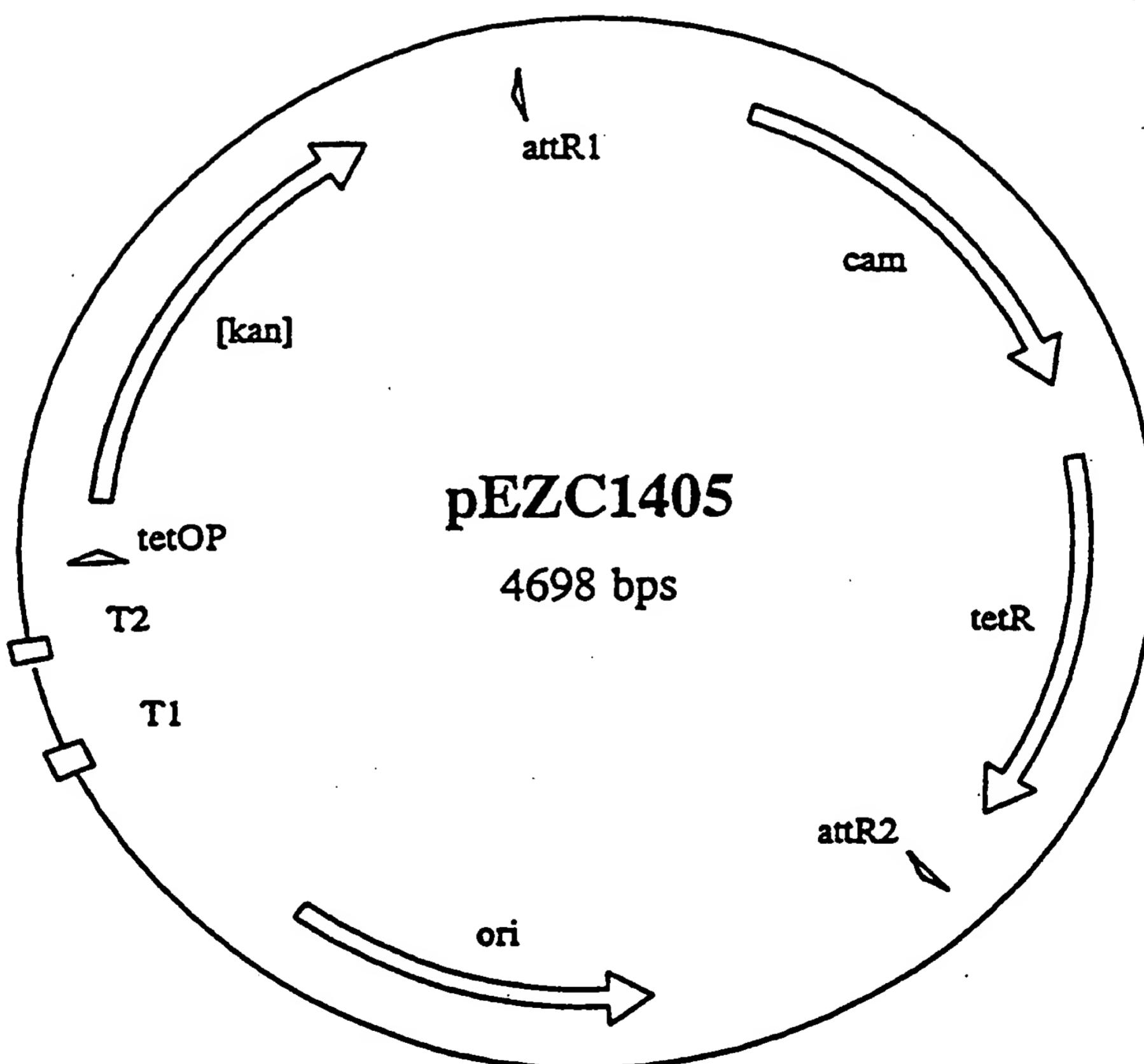
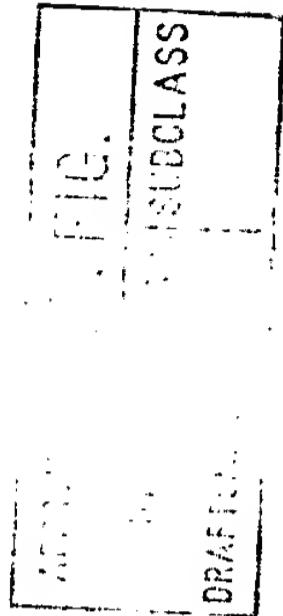




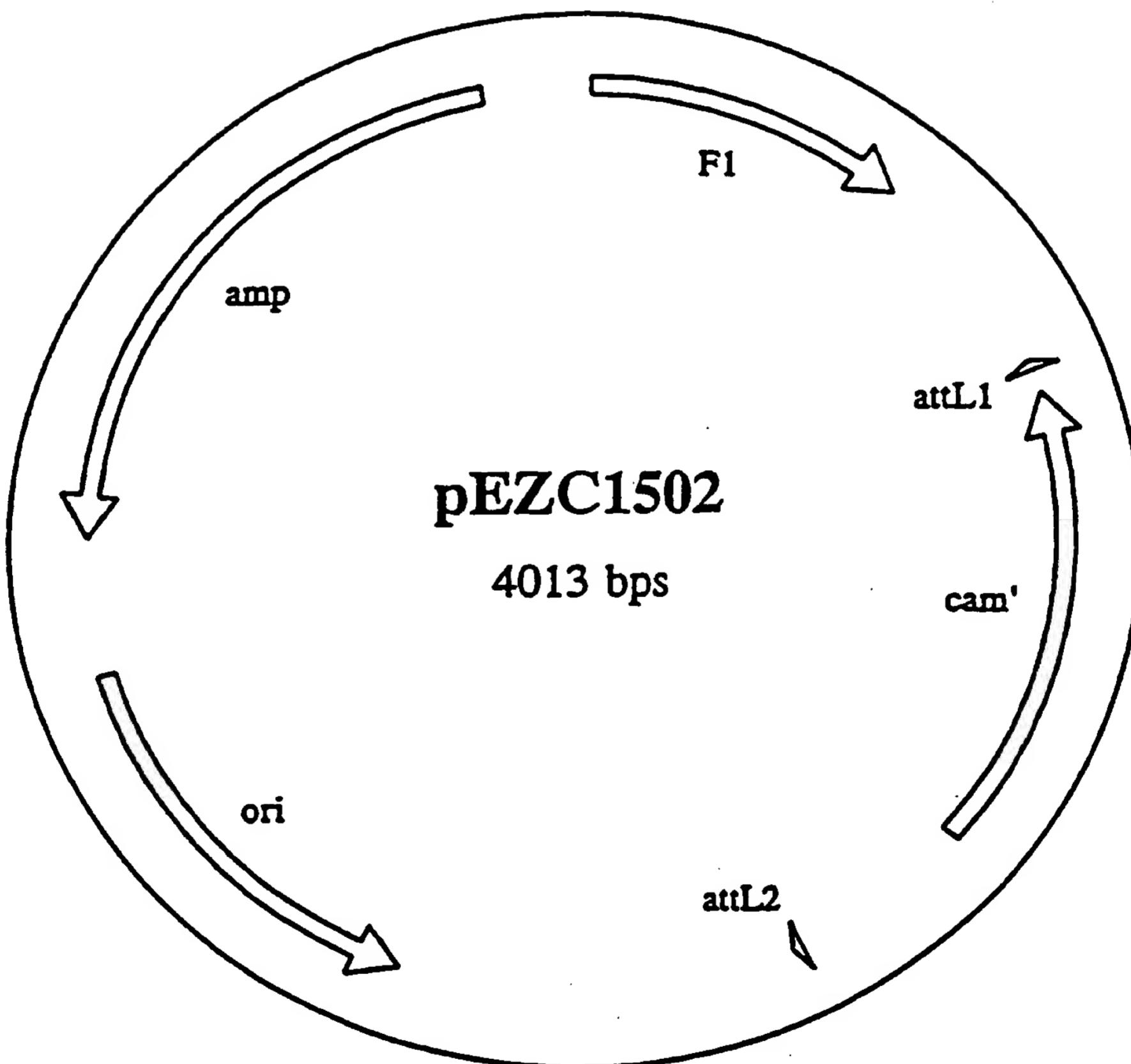
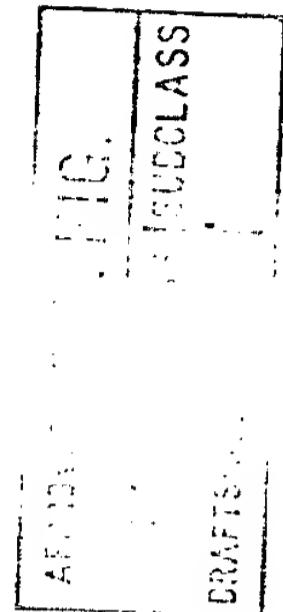
Figure 5G



Appl. No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
Dkt. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
Inventor(s): Hartley *et al.*; Tel: 202/371-2600
Title: Recombinational Cloning Using Nucleic Acids...



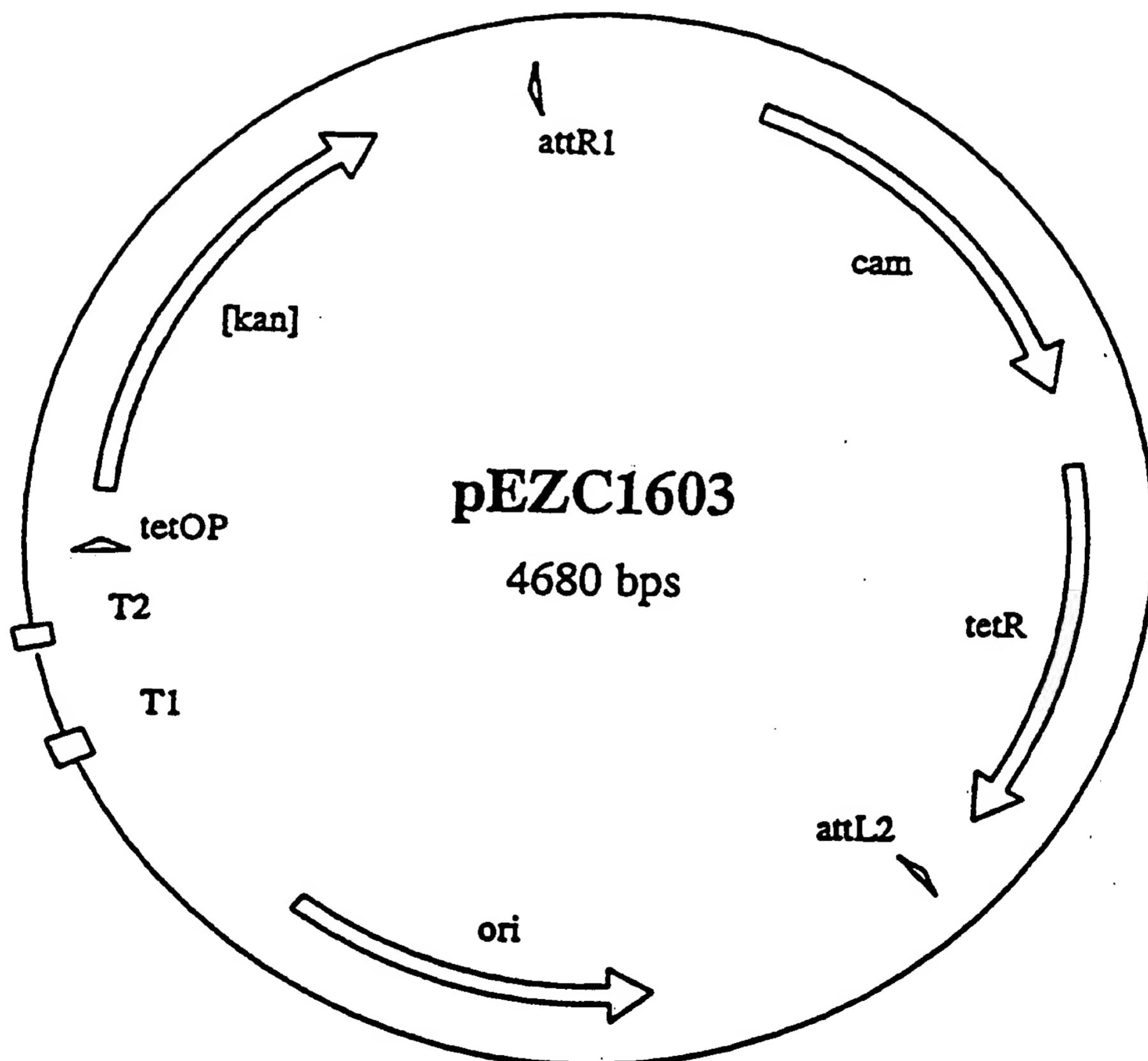
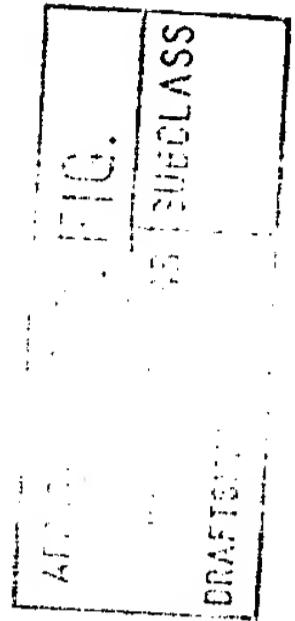
Figure 5H



Patent and Trademark Office
JUL 24 2002
No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
Dkt. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
Inventor(s): Hartley *et al.*; Tel: 202/371-2600
Title: Recombinational Cloning Using Nucleic Acids...

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Figure 6A



Patent No. 6,487,790; Filed: Aug. 28, 2000; Conf. No. 9852
Dkt. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
Inventor(s): Hartley *et al.*; Tel: 202/371-2600
Title: Recombinational Cloning Using Nucleic Acids...



Figure 6B

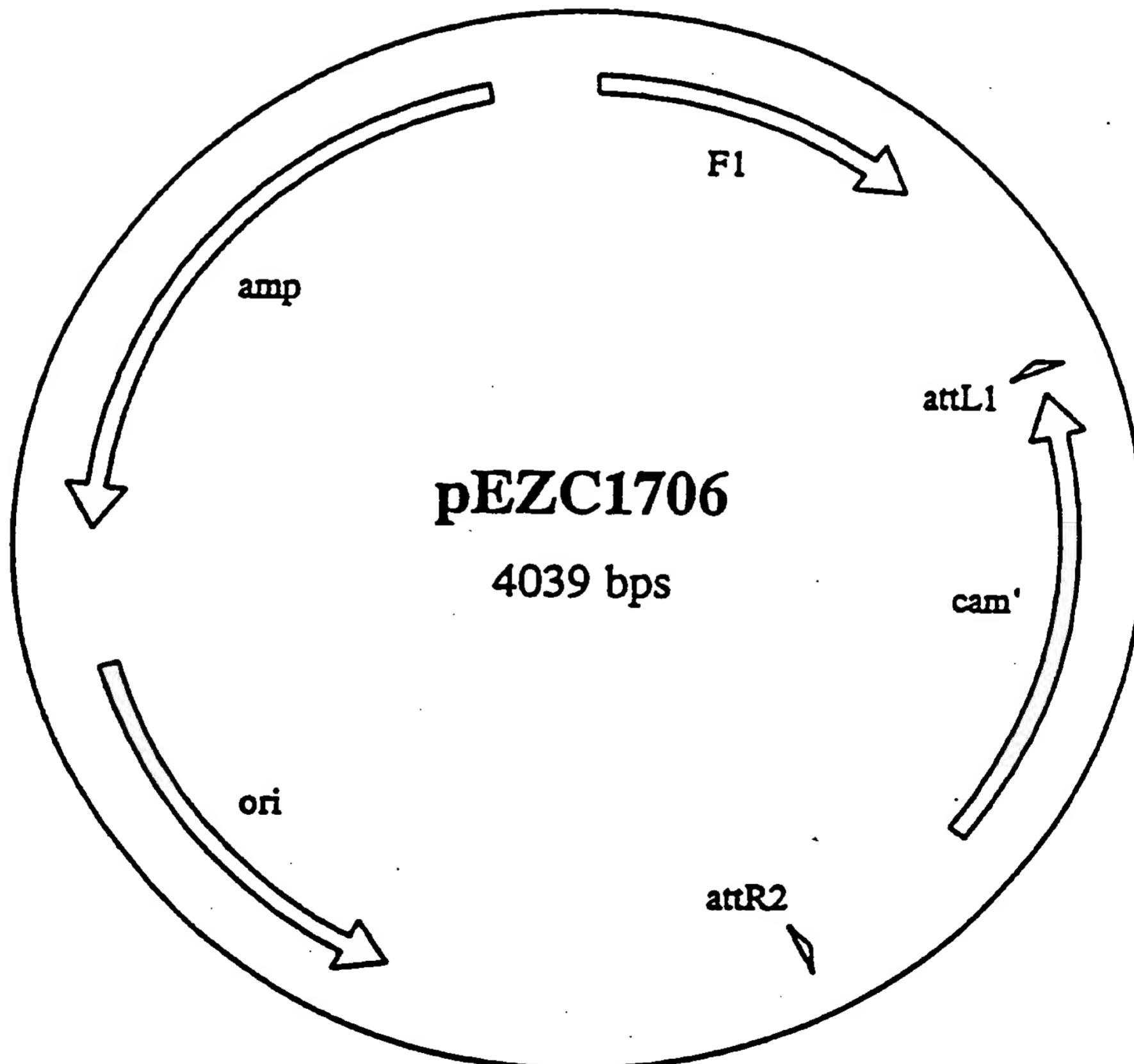
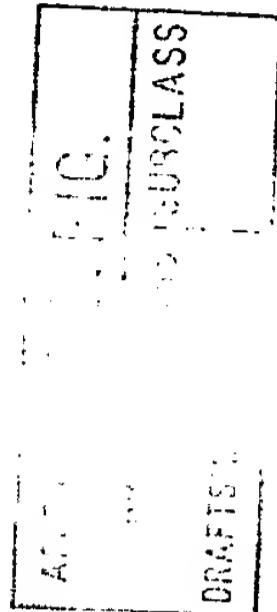
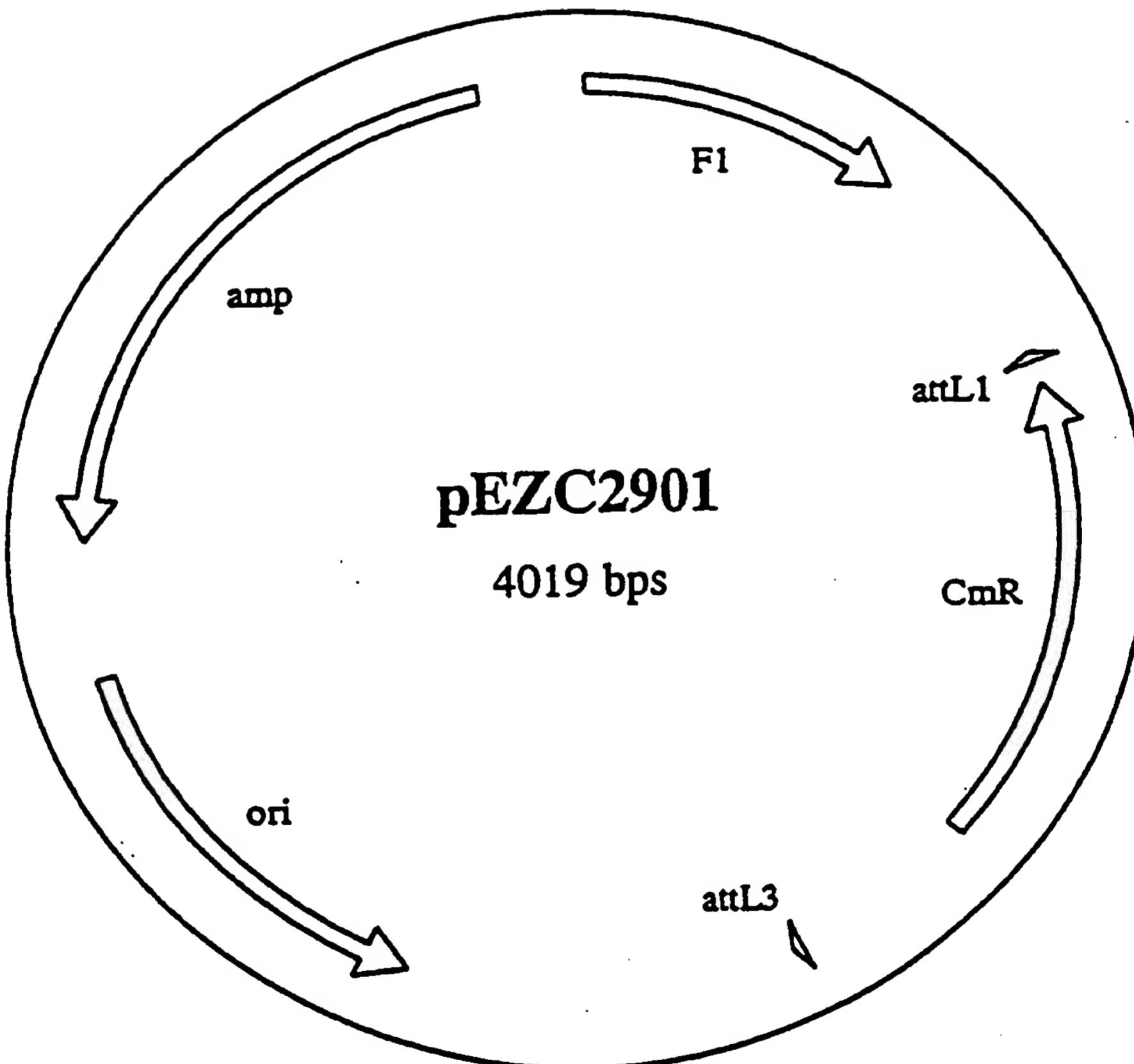
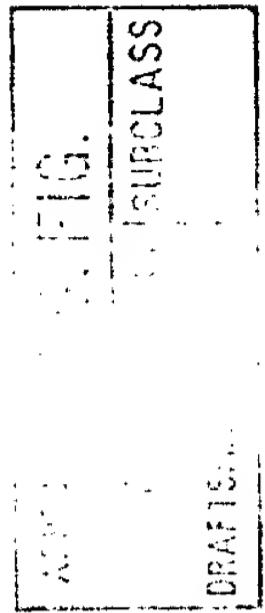




Figure 7A



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Figure 7B

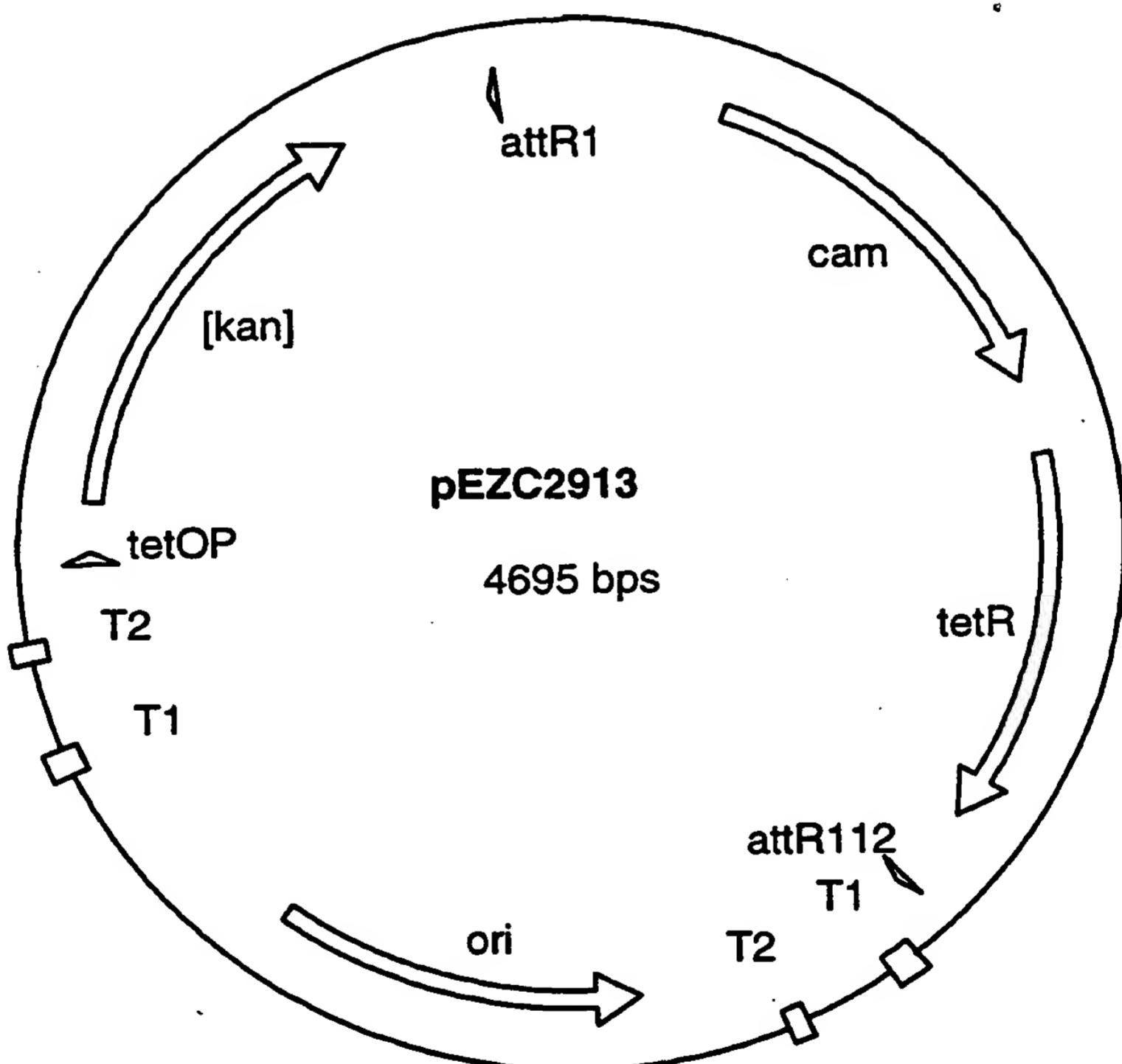
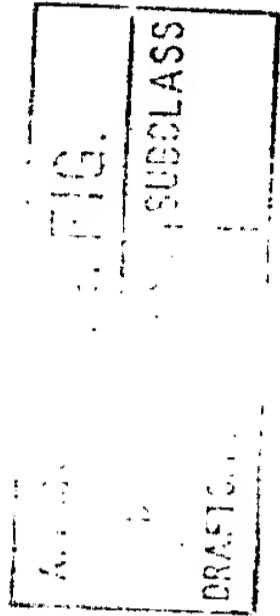




Figure 7C

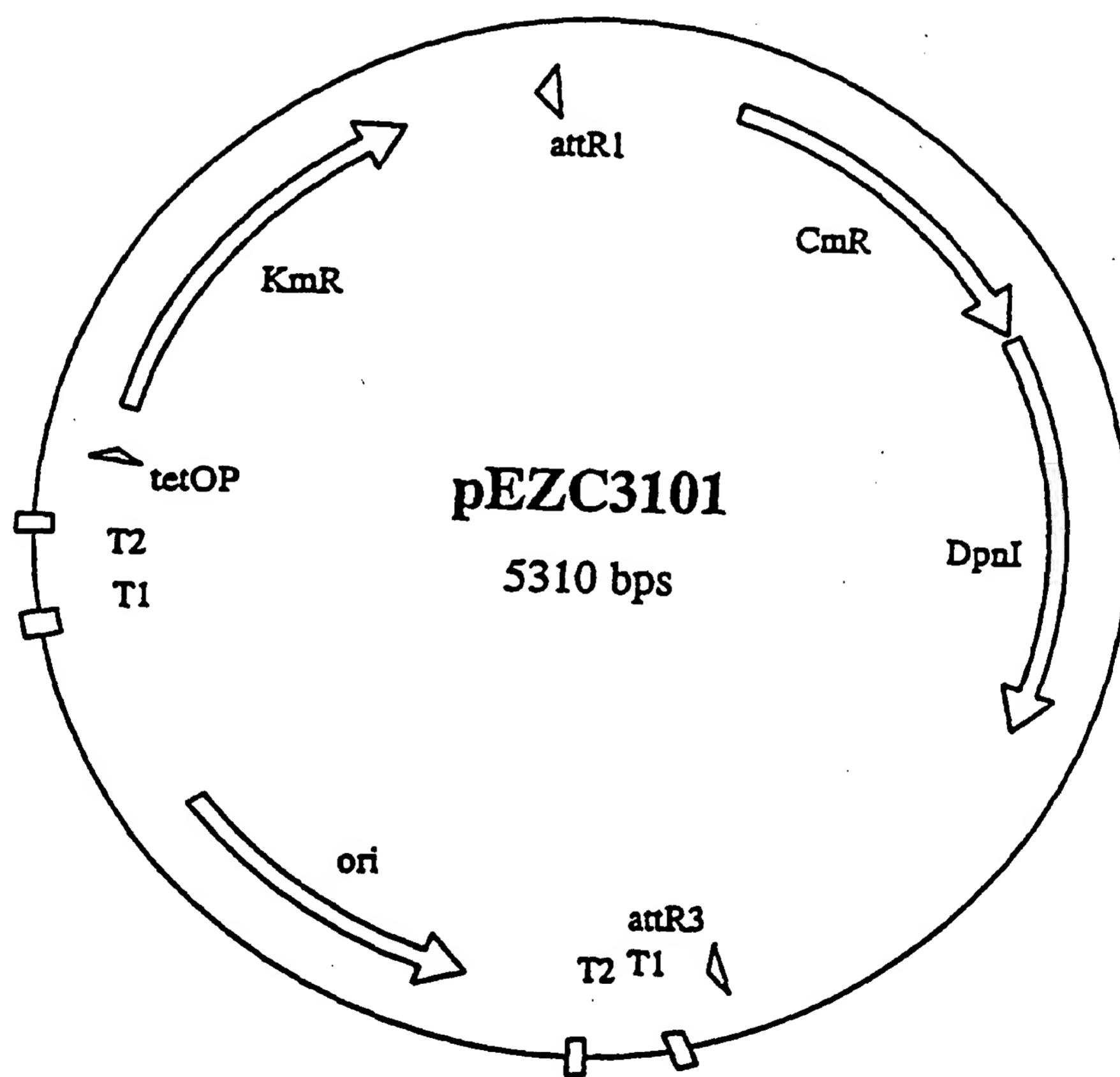
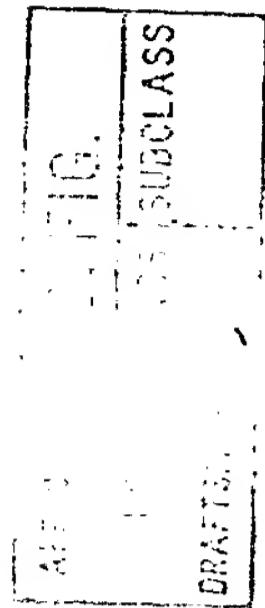
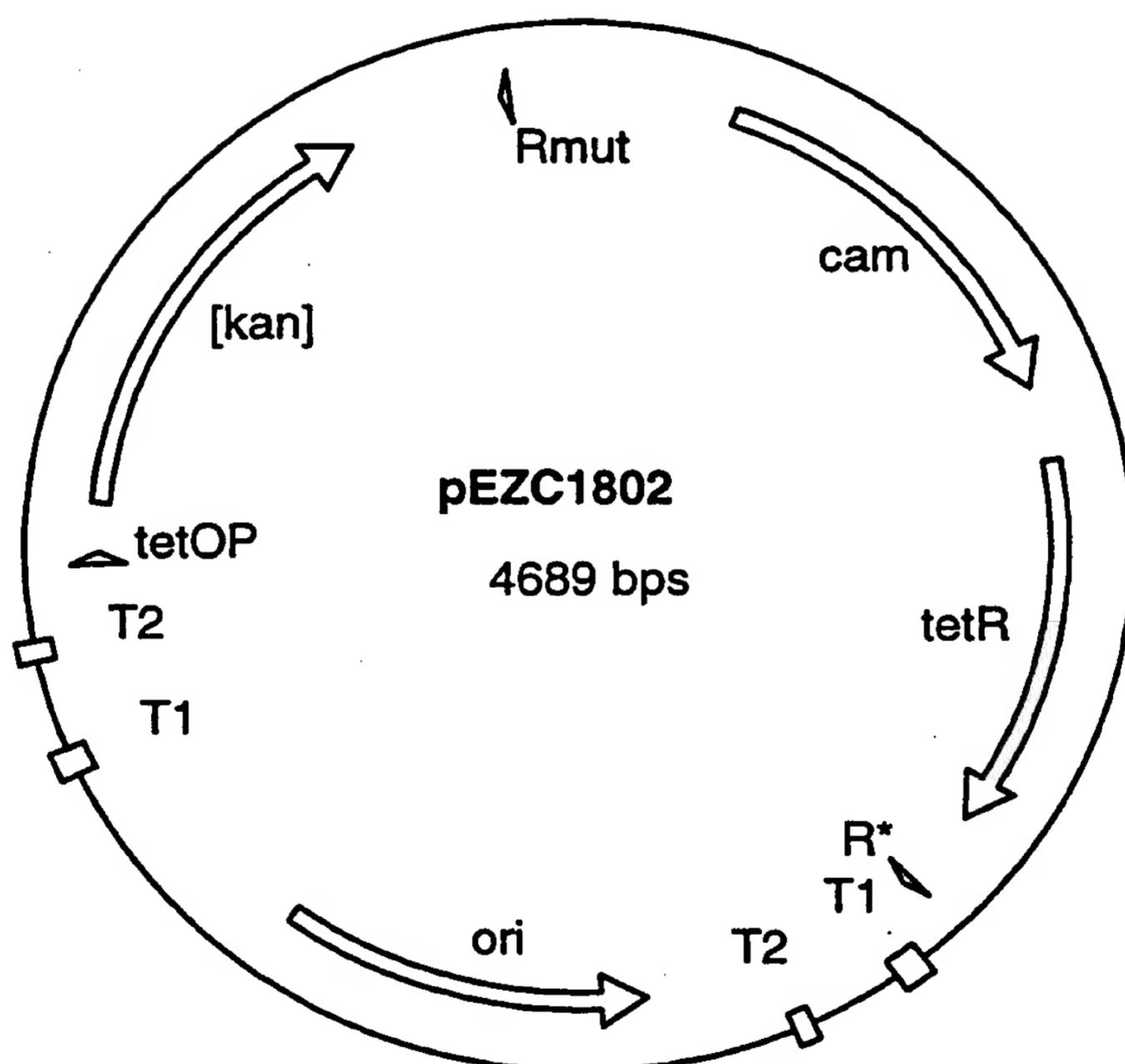
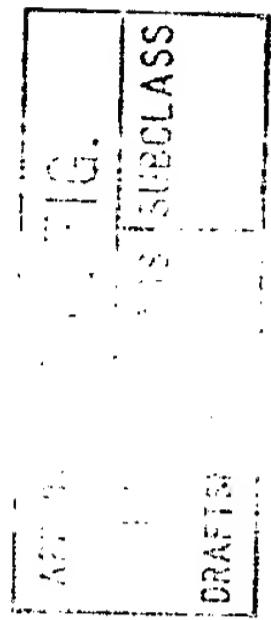




Figure 7D



Appl. No. 09/648,790; Filed: Aug. 28, 2000; Conf. No. 9852
Dkt. No. 0942.285000C/RWE/BJD; Group Art Unit: 1636
Inventor(s): Hartley *et al.*; Tel: 202/371-2600
Title: Recombinational Cloning Using Nucleic Acids...



Figure 8A

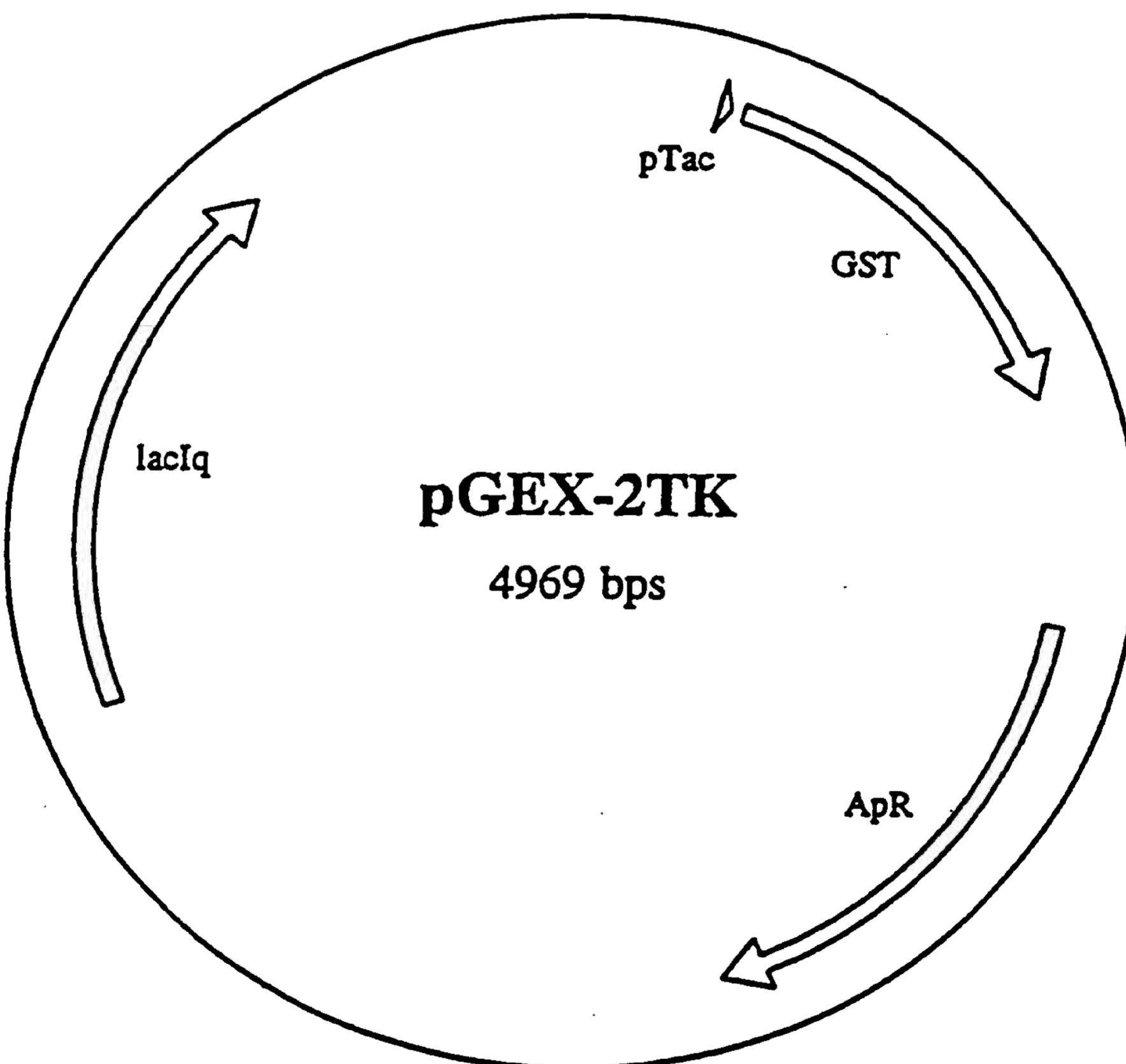
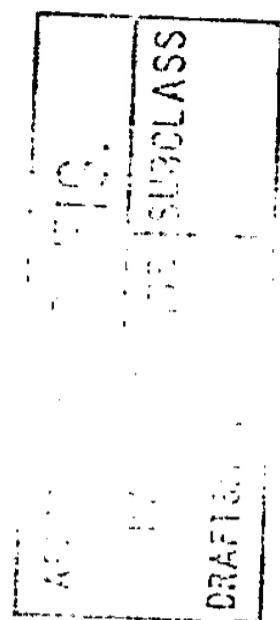
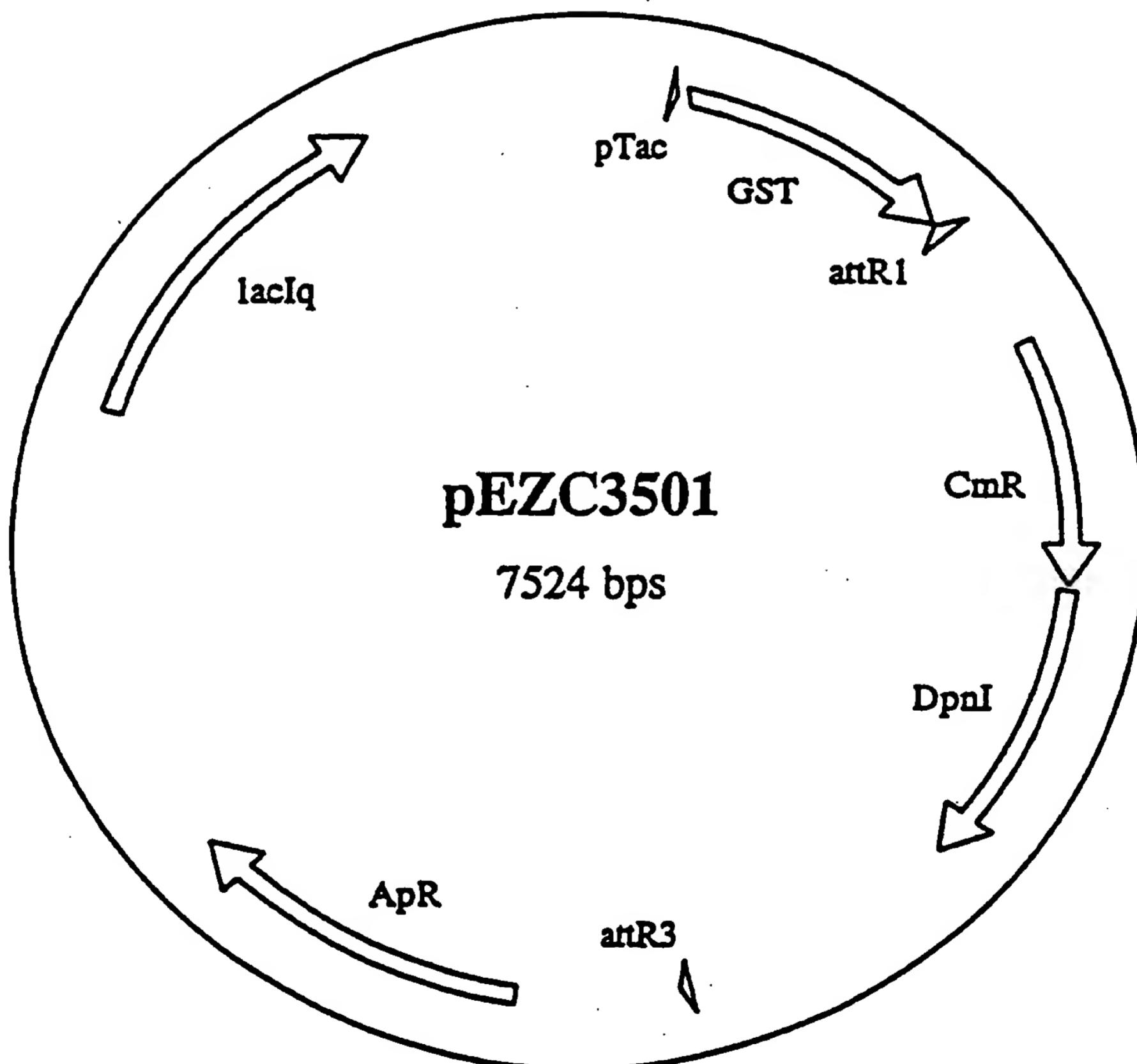
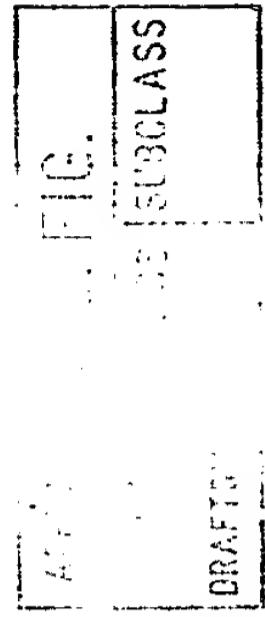




Figure 8B



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A circular stamp with the word 'OIPE' at the top and 'PATENT & TRADEMARK OFFICE' at the bottom. In the center, the date 'JUL 24 2002' is stamped, and to the right, the number '3078' is stamped. Below the stamp, the text 'Figure 89' is written.

Figure 8C

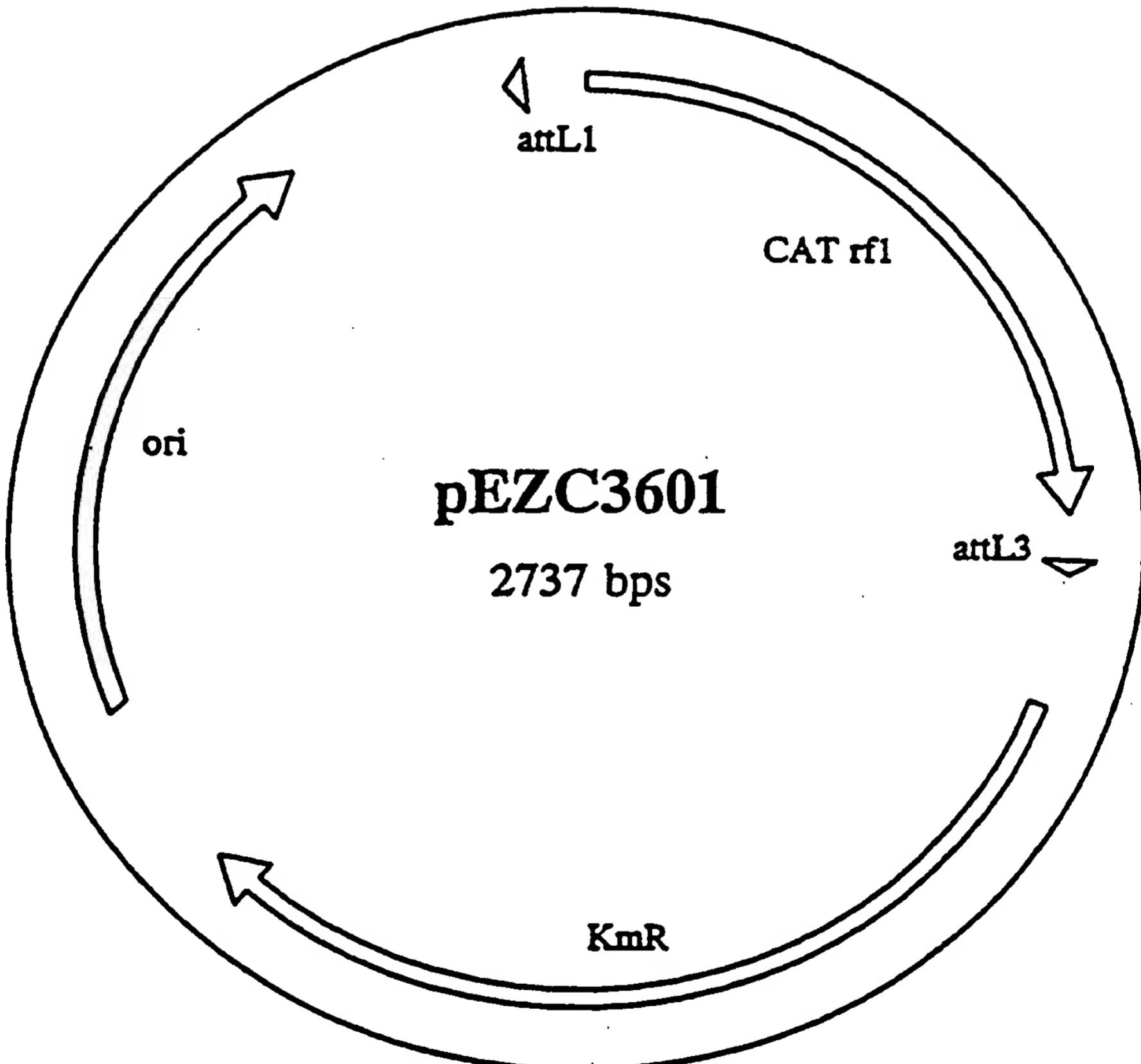
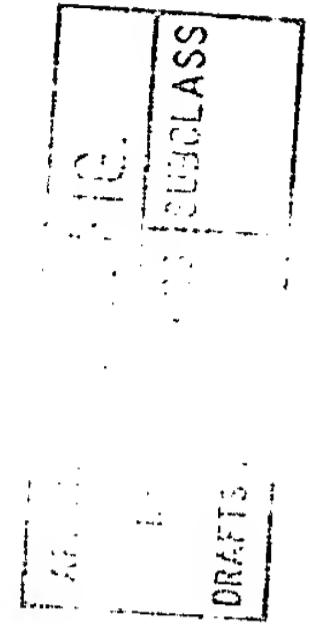




Figure 8D

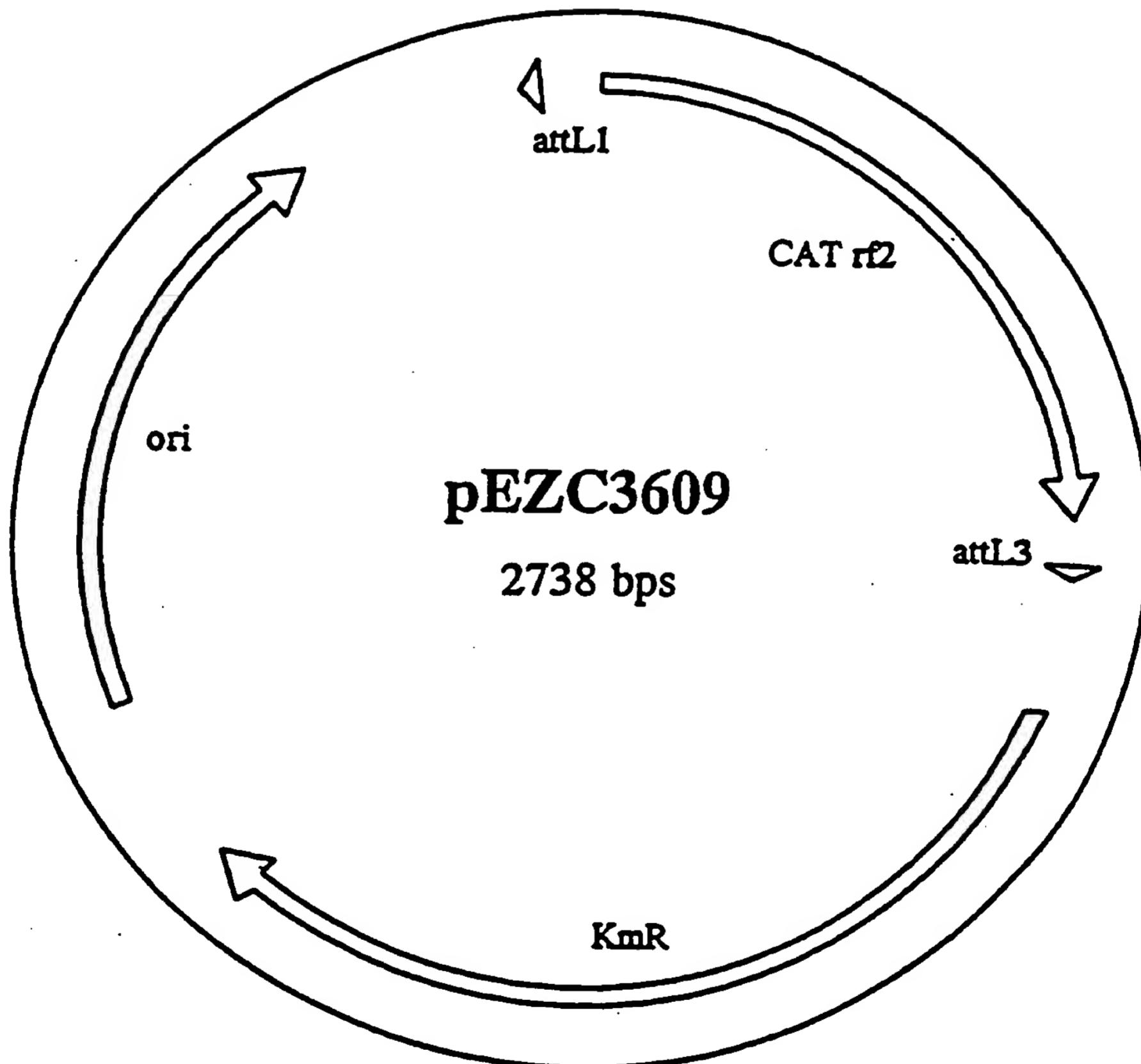
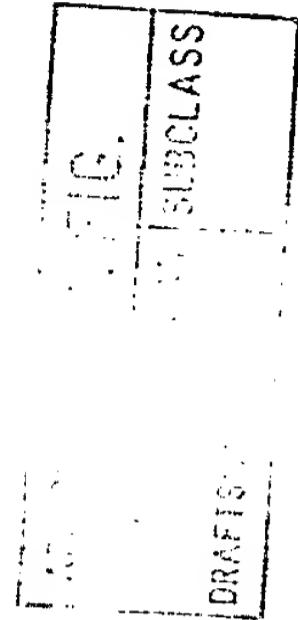




Figure 8E

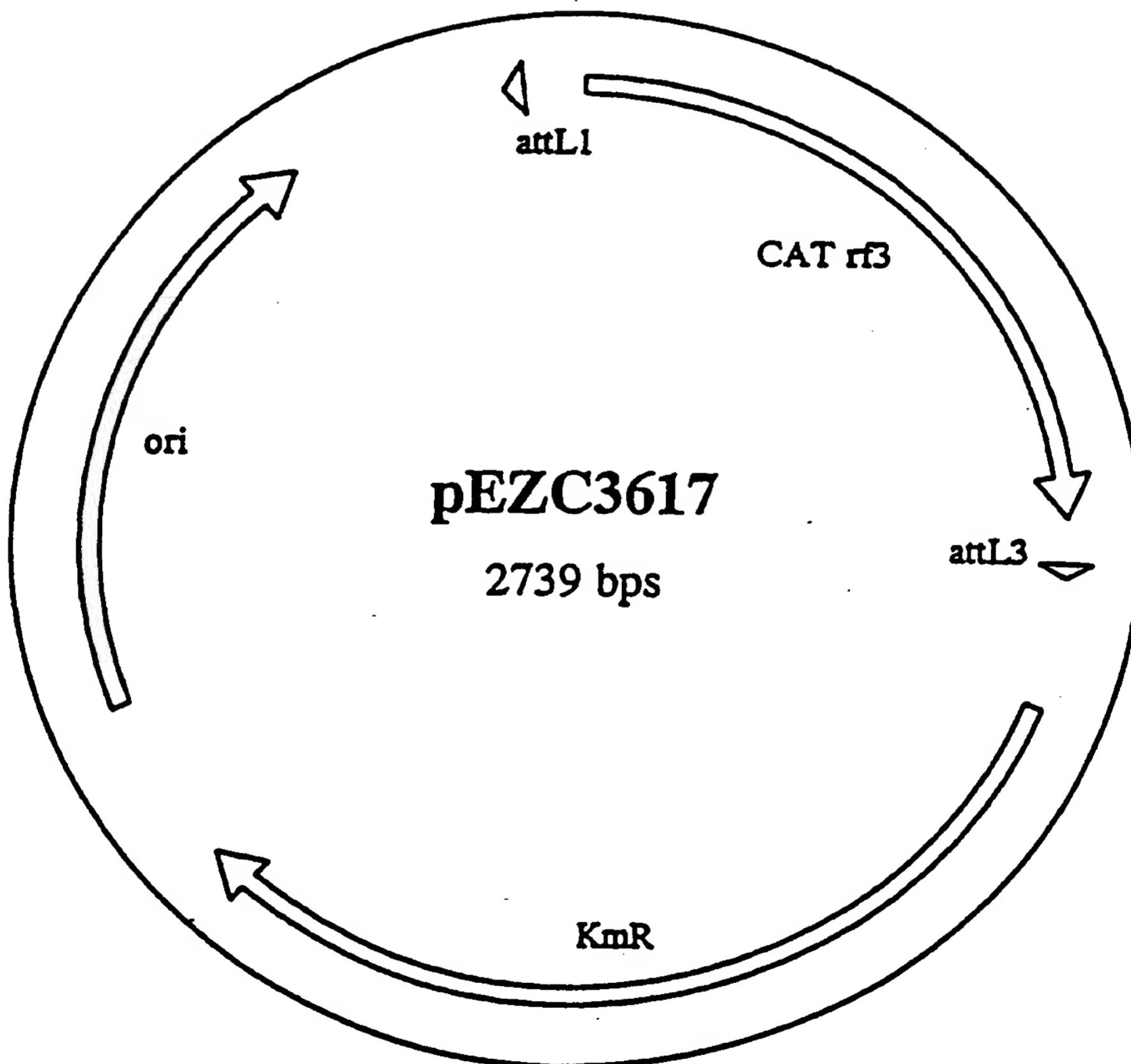
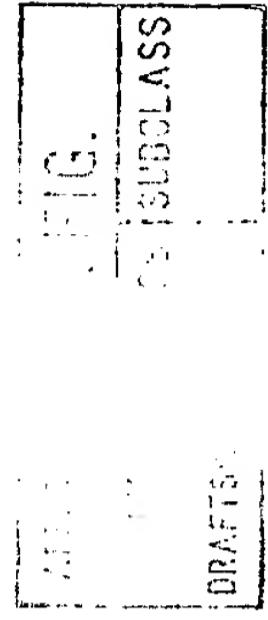
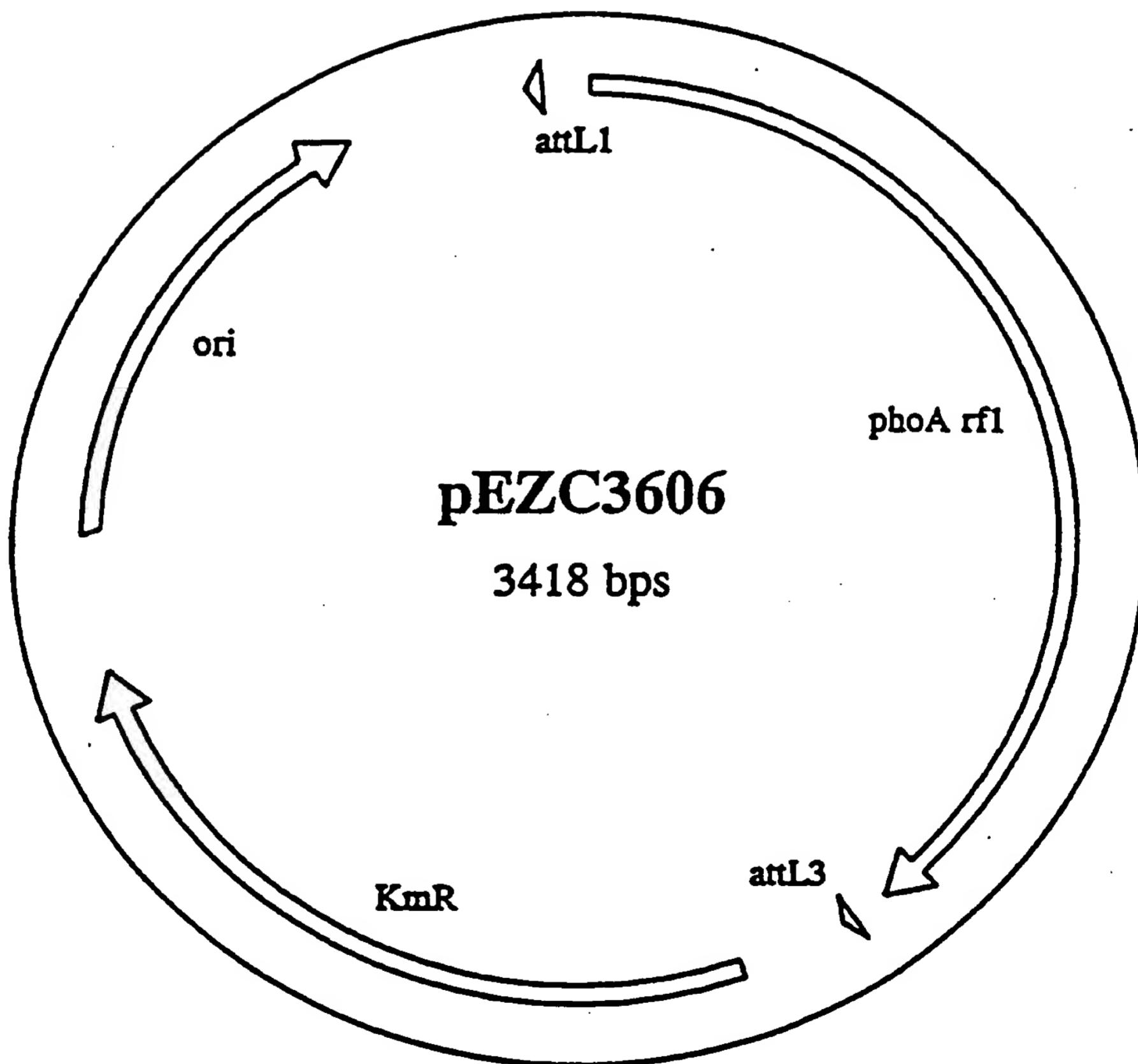
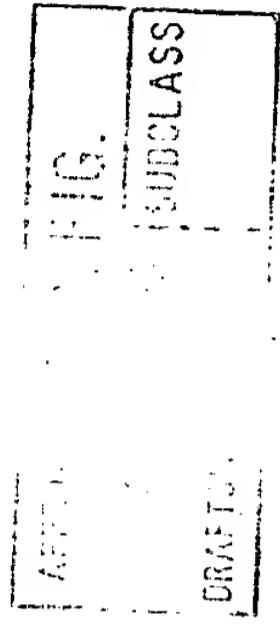




Figure 8F





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Figure 8G

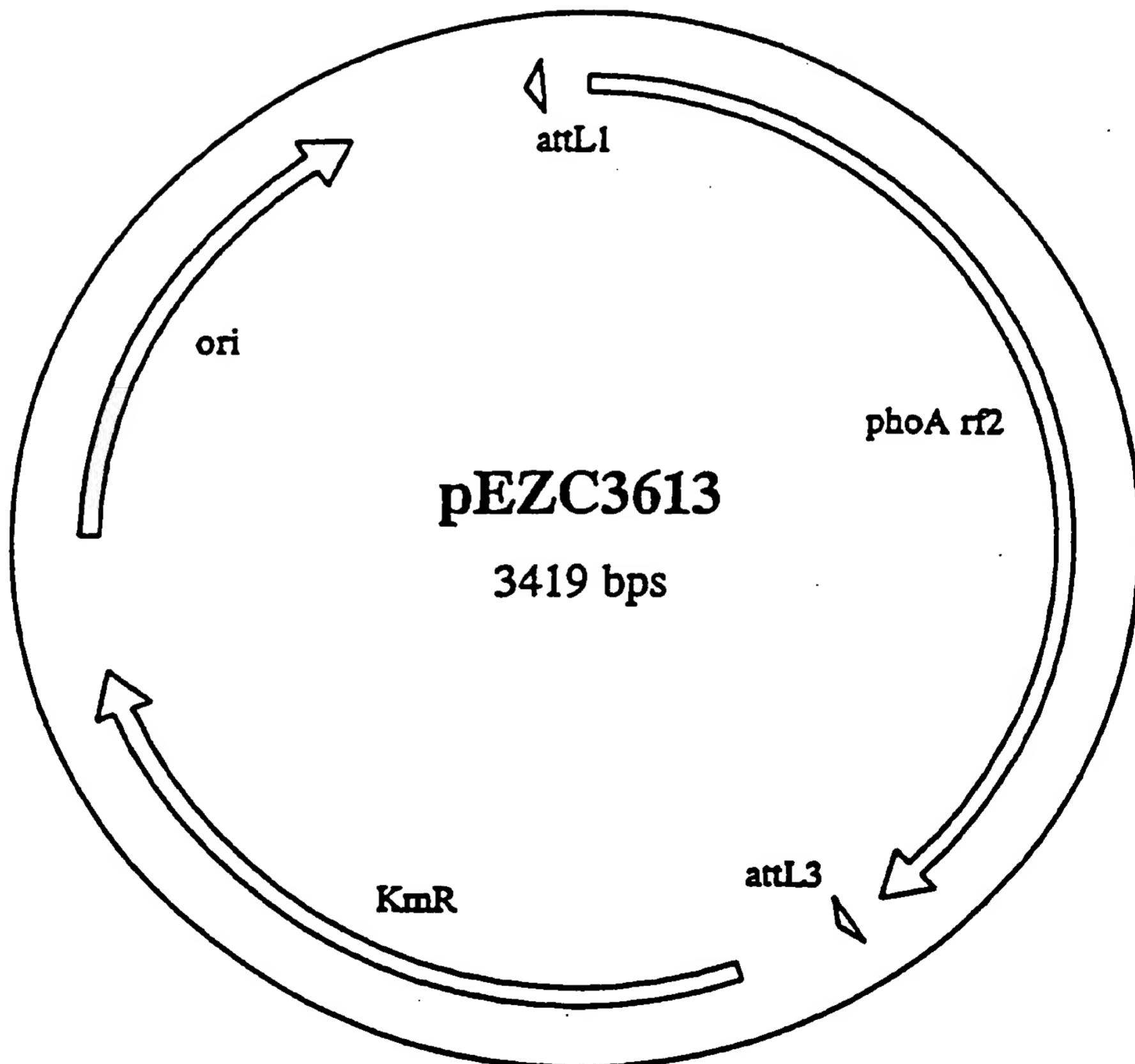
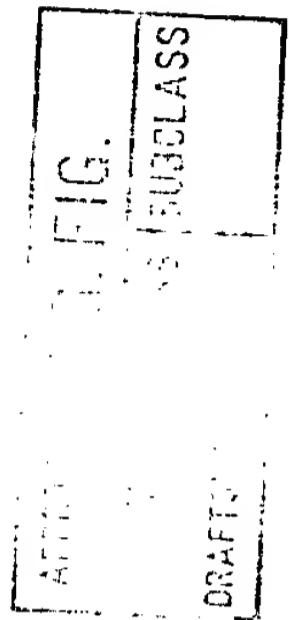




Figure 8H

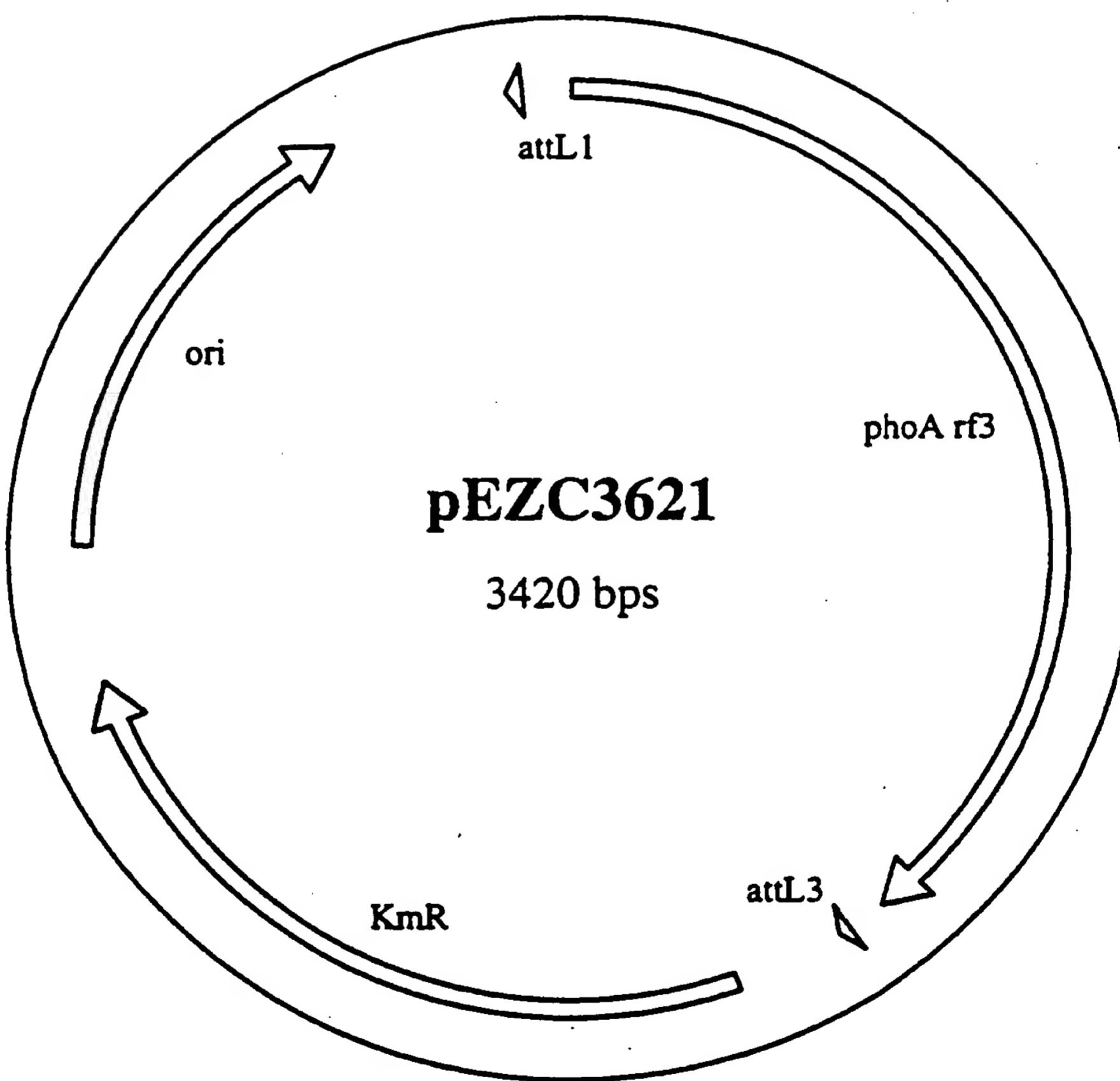
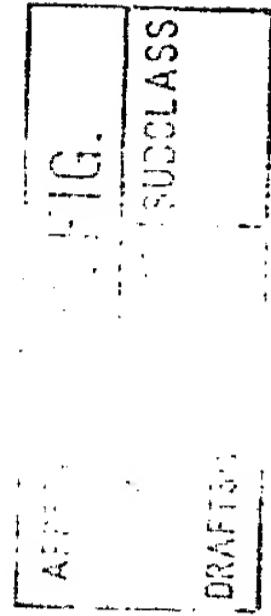
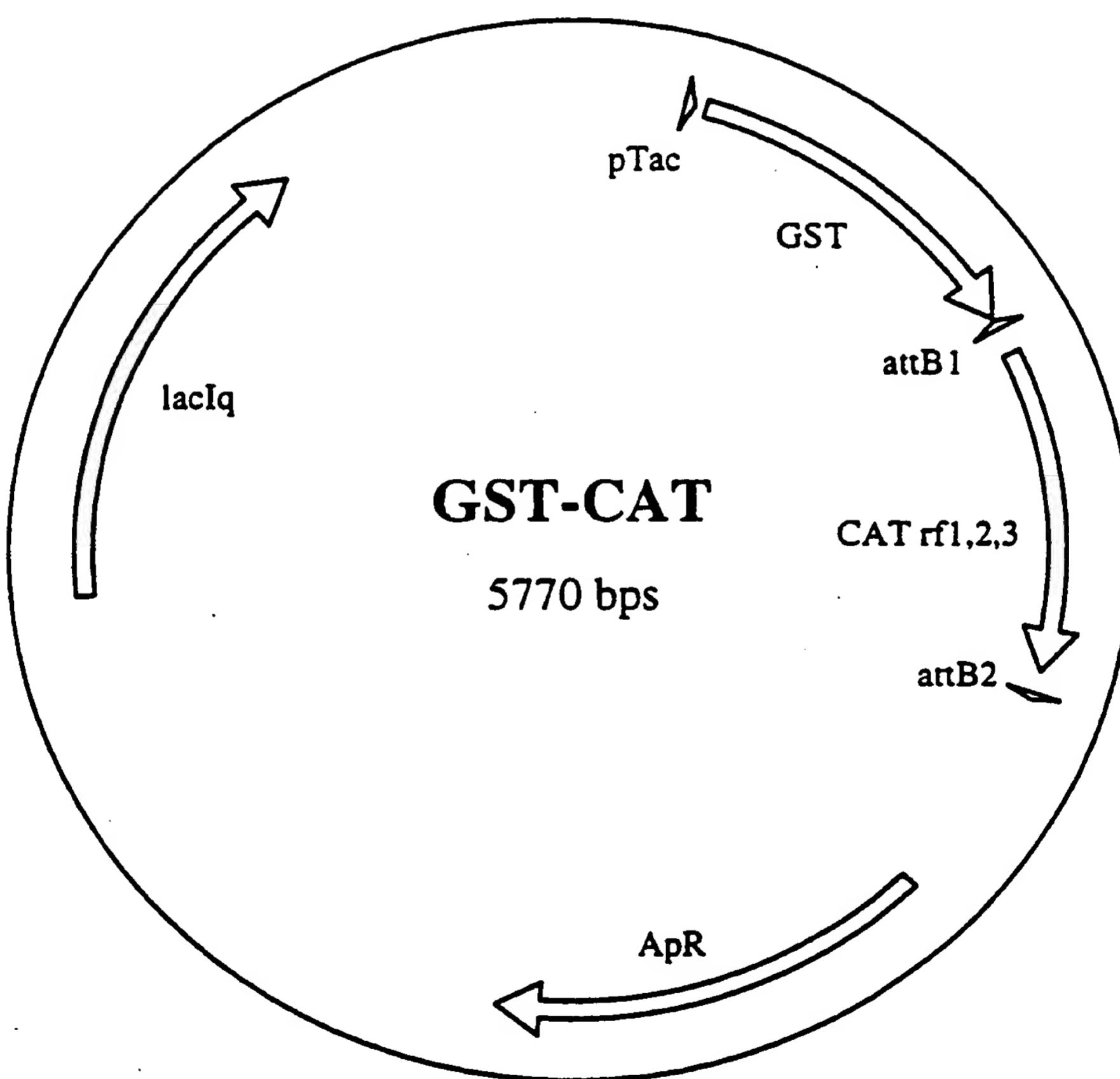
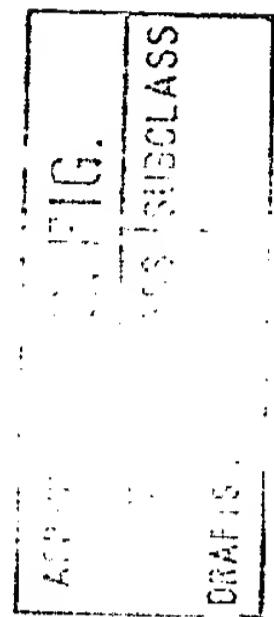




Figure 8I



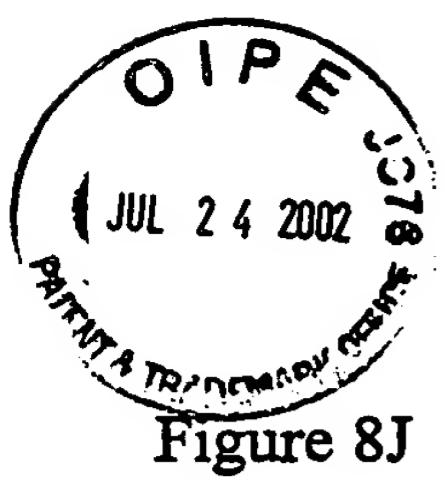
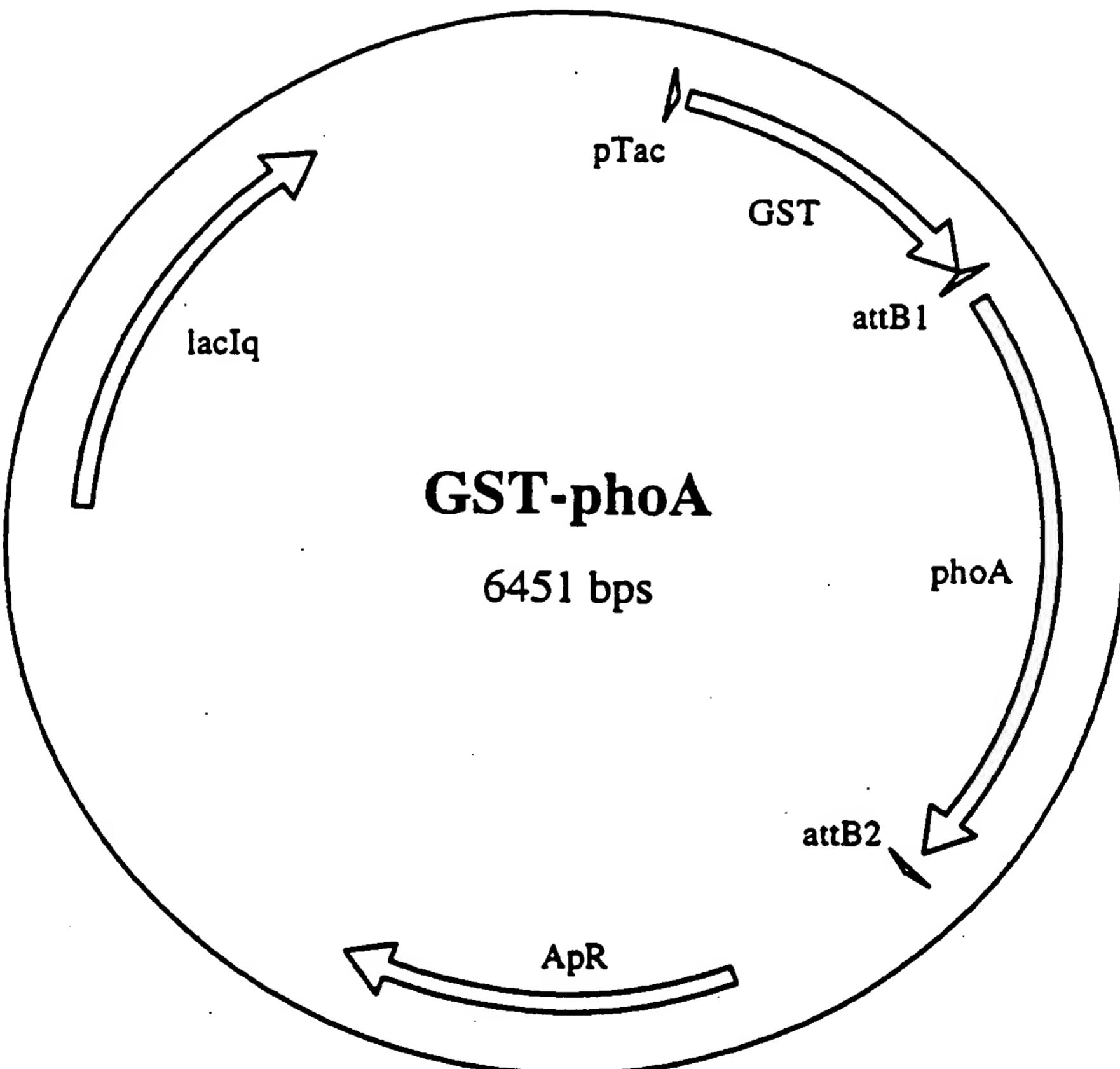
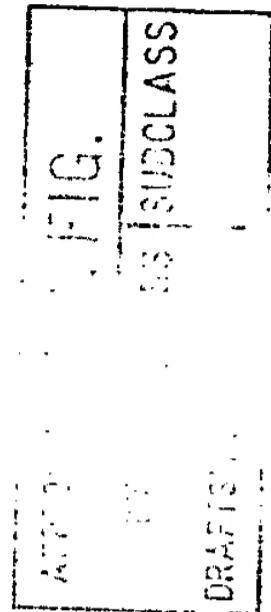


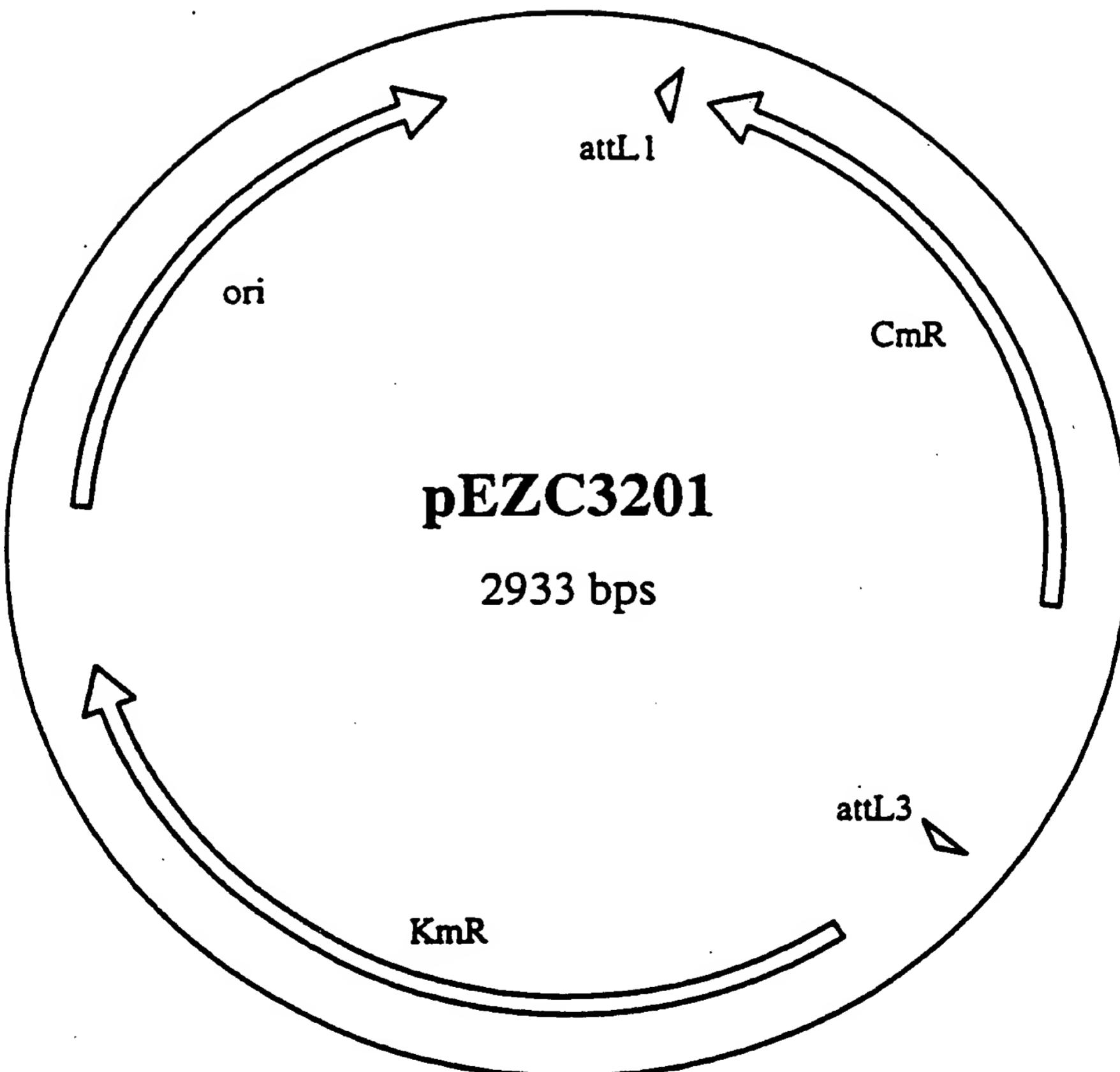
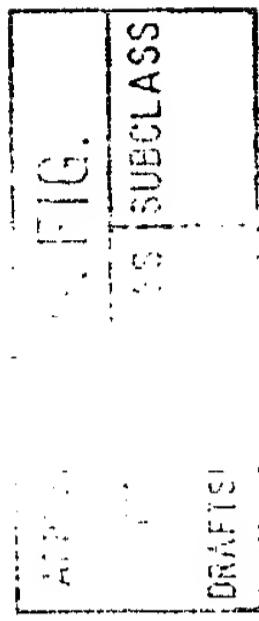
Figure 8J





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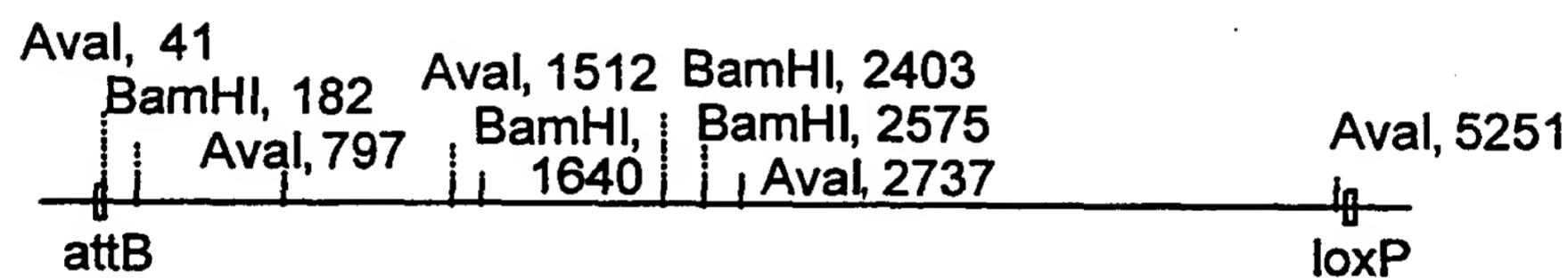
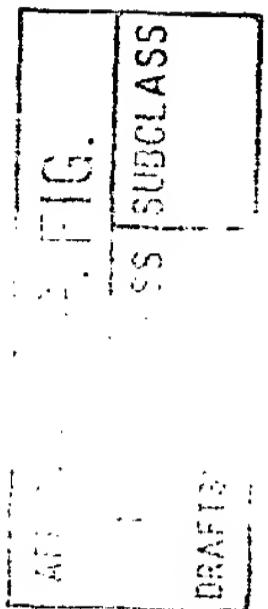
Figure 8K



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 Inventor(s): Hartley *et al.*; Tel: 202/371-2600
 Title: Recombinational Cloning Using Nucleic Acids...



Figure 9A



5.2kbPCRprod (5327 bps)



Figure 9B

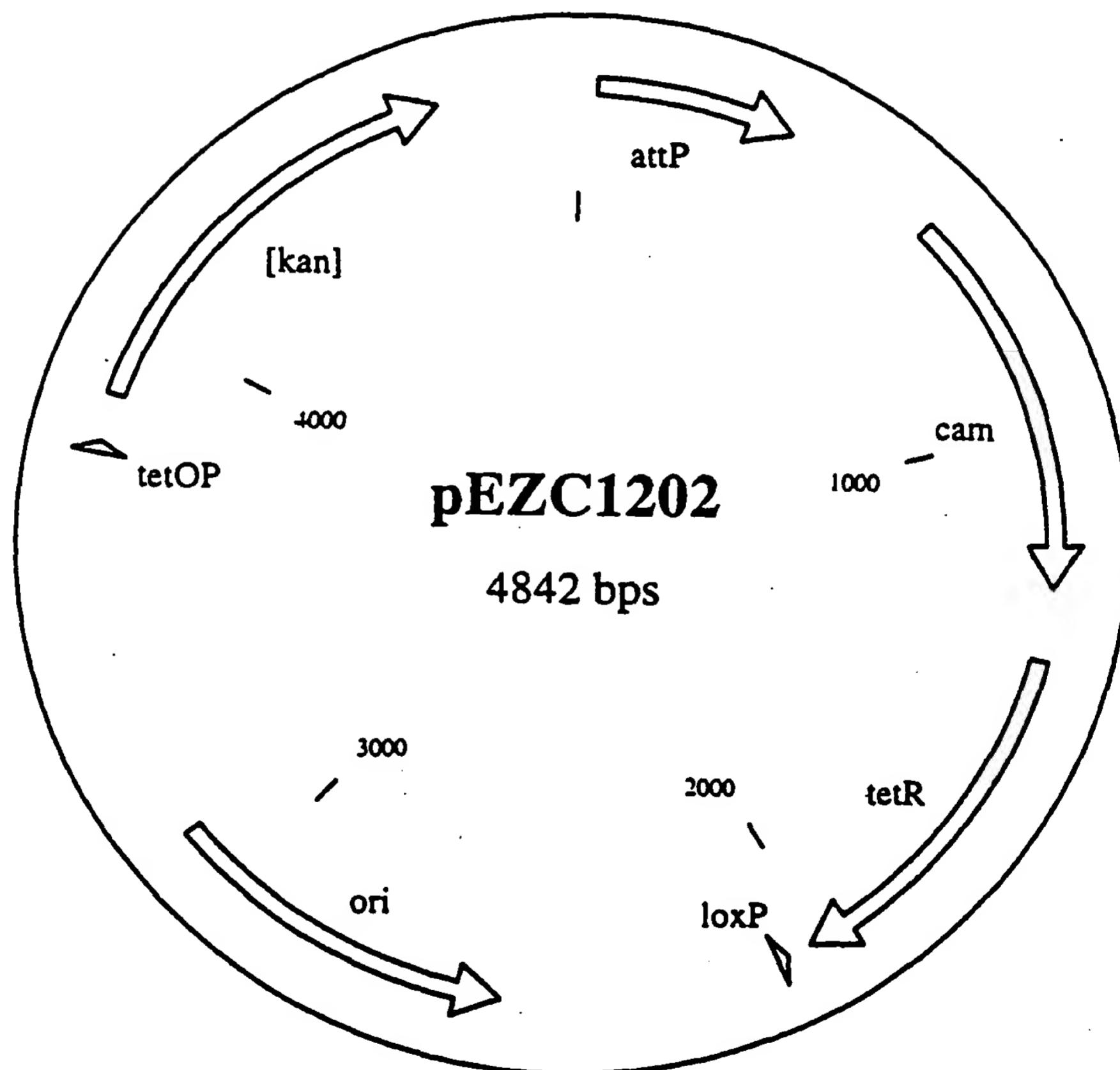
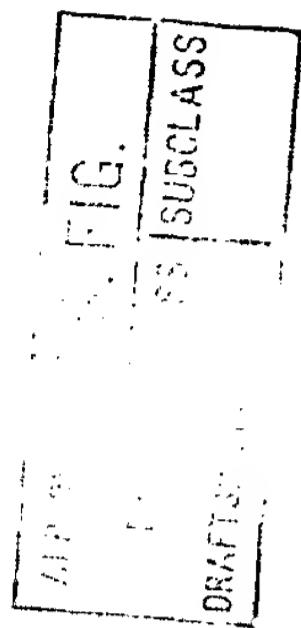




Figure 9C

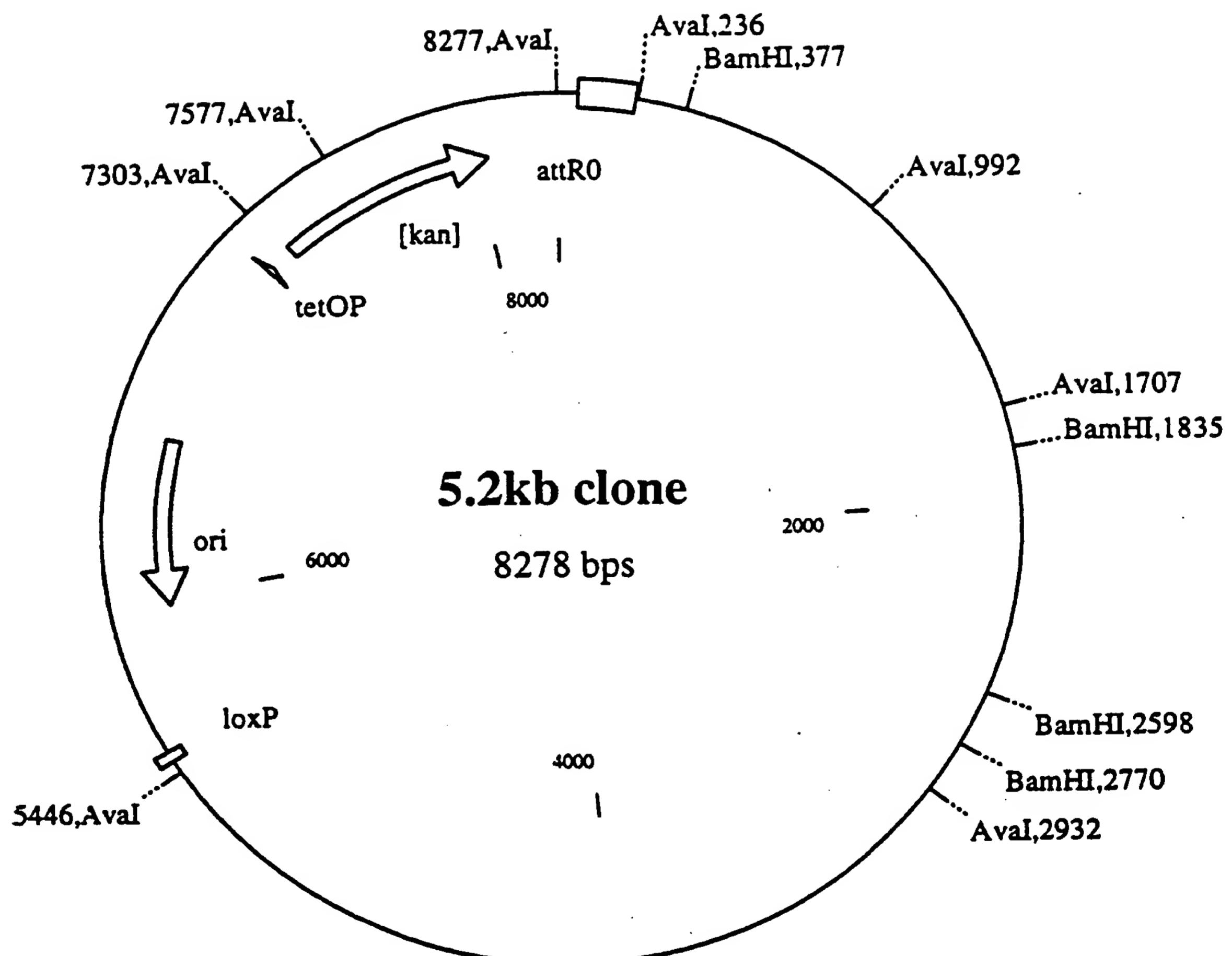
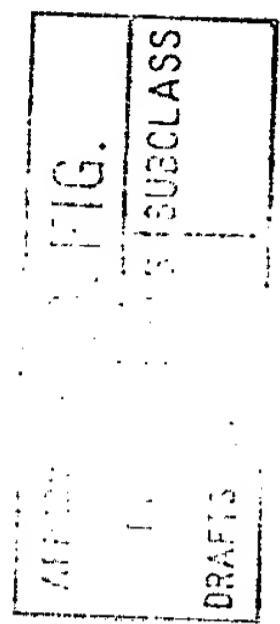




Figure 10A

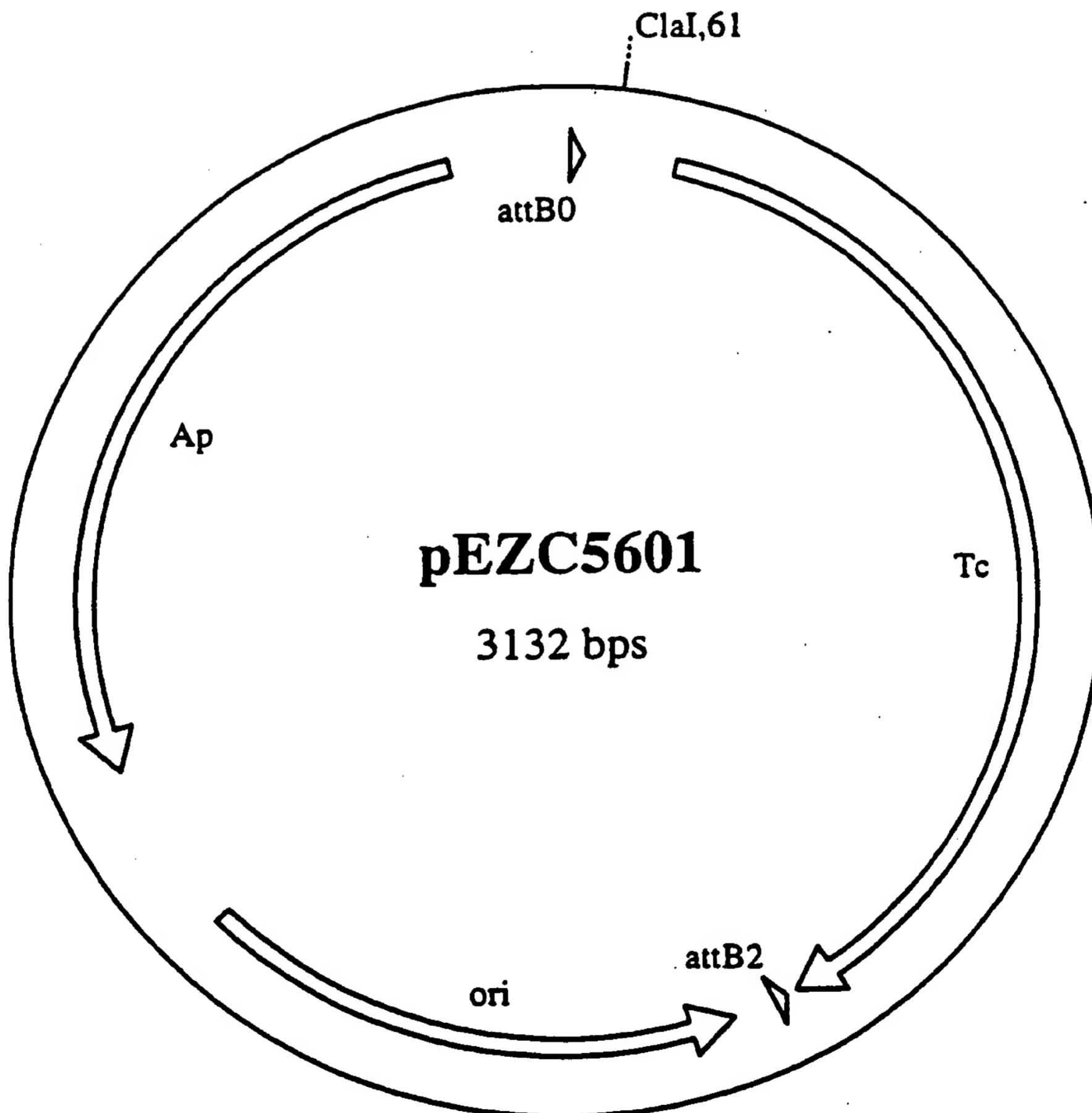
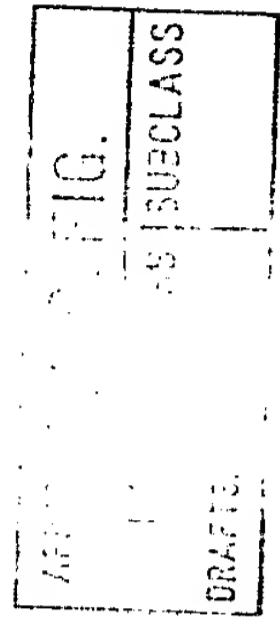




Figure 10B

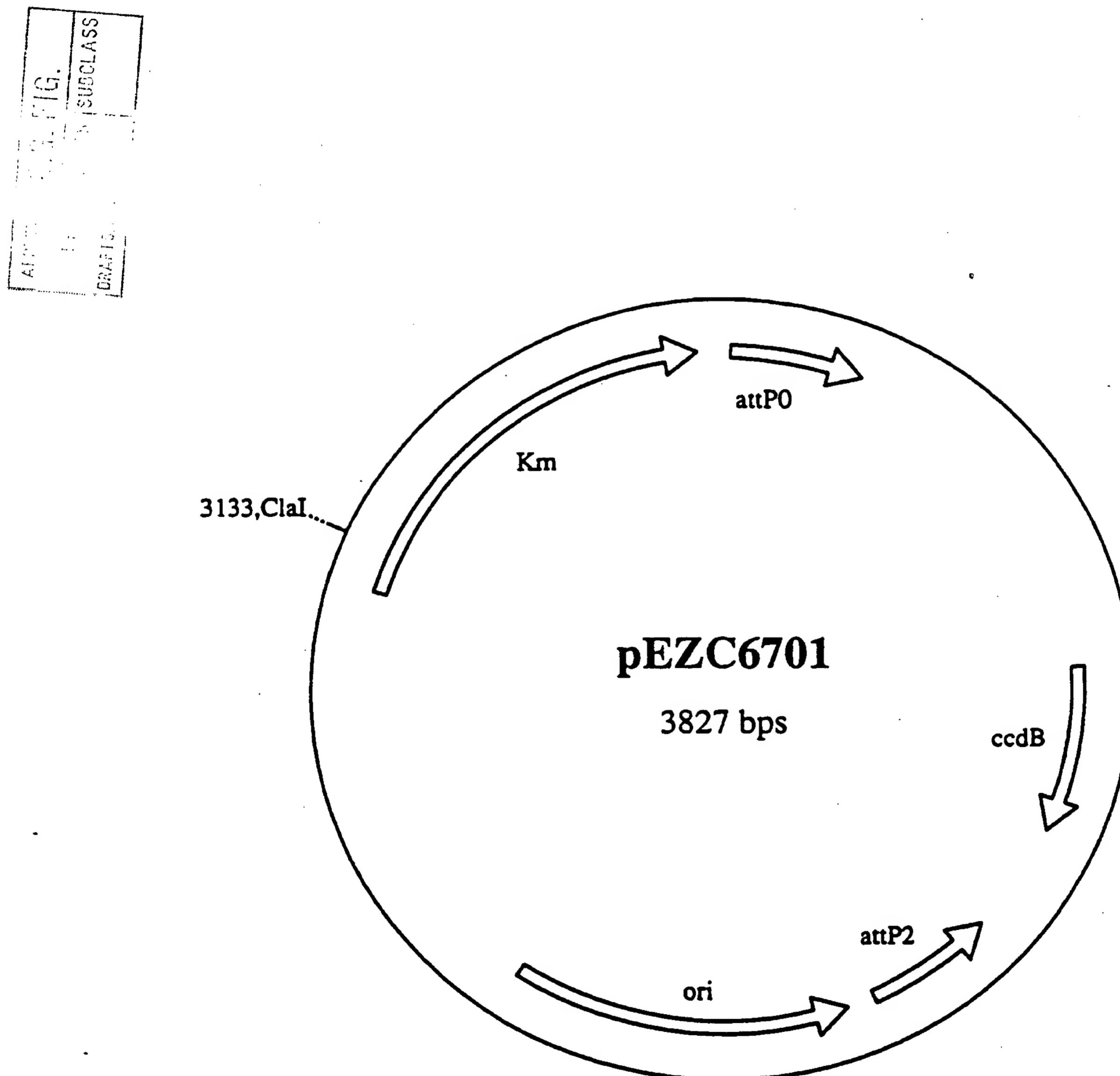




Figure 10C

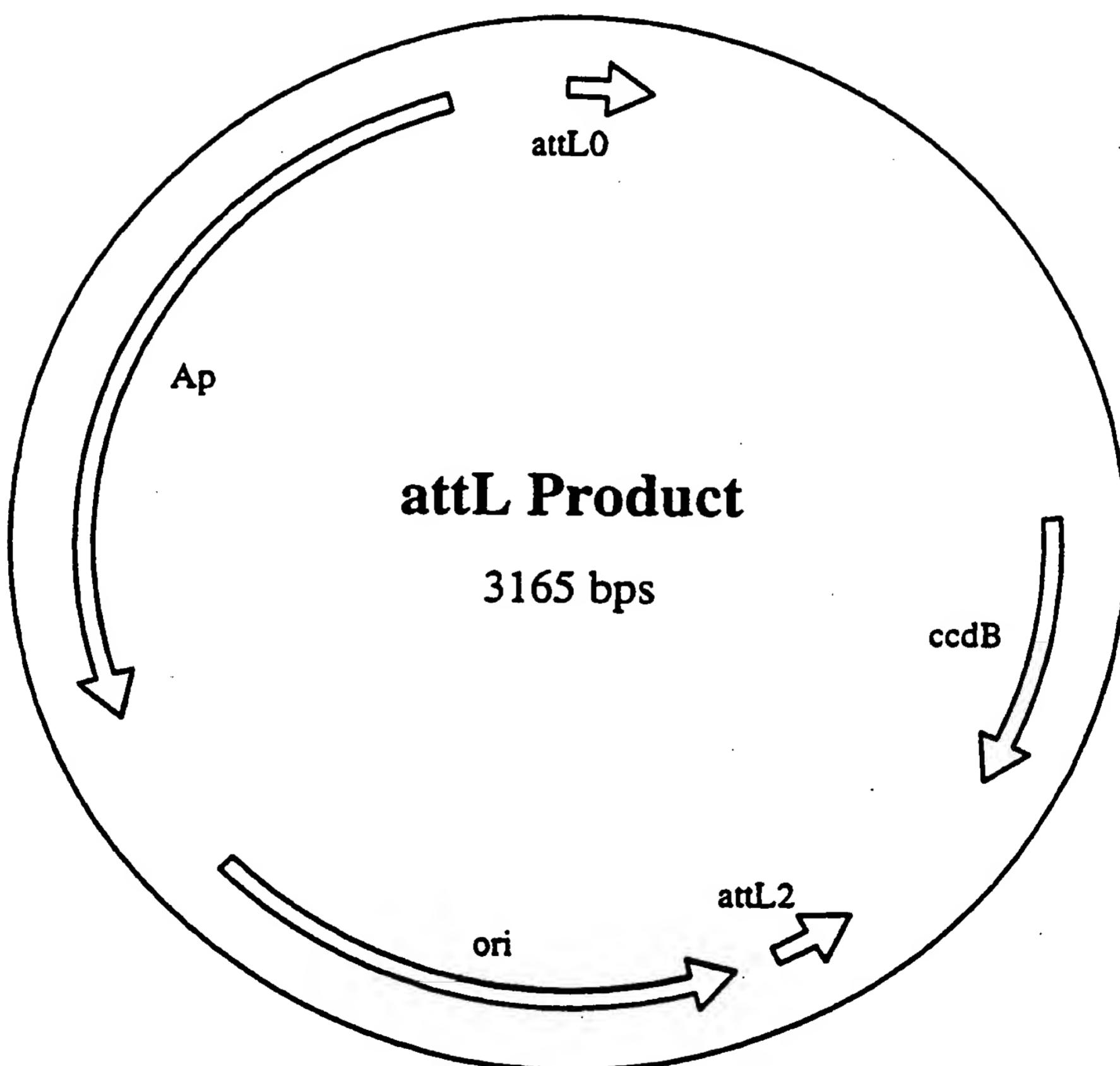
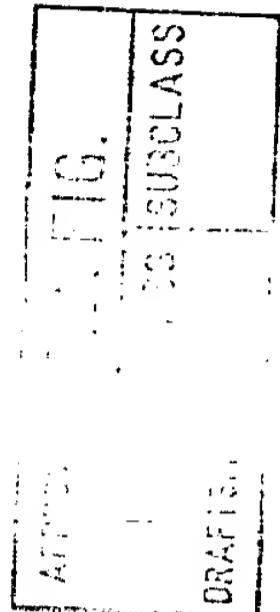




Figure 10D

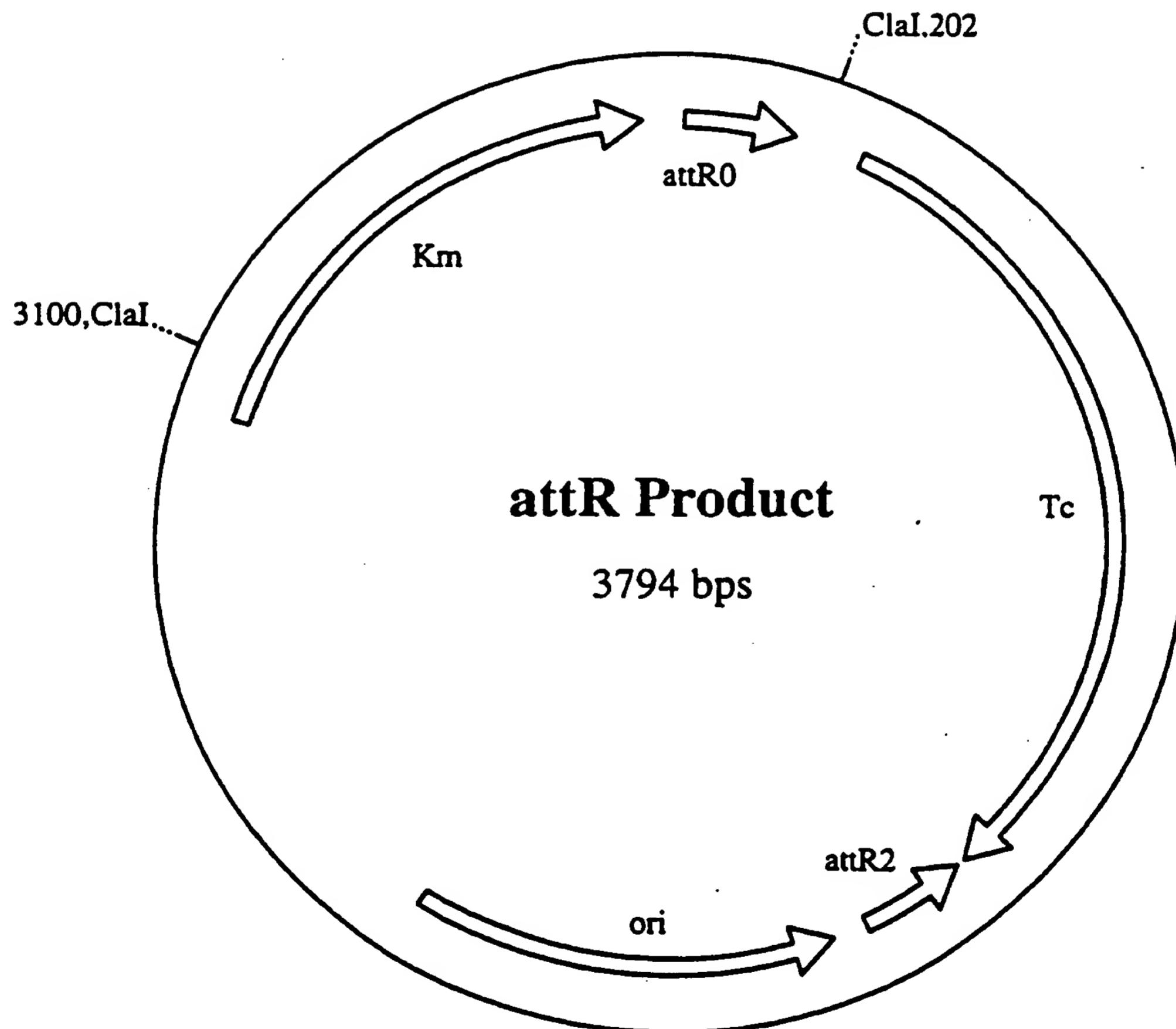
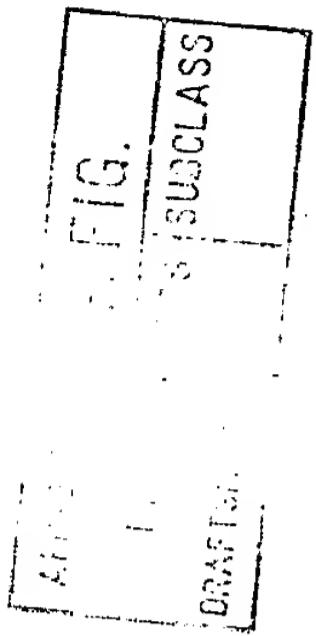




Figure 11A

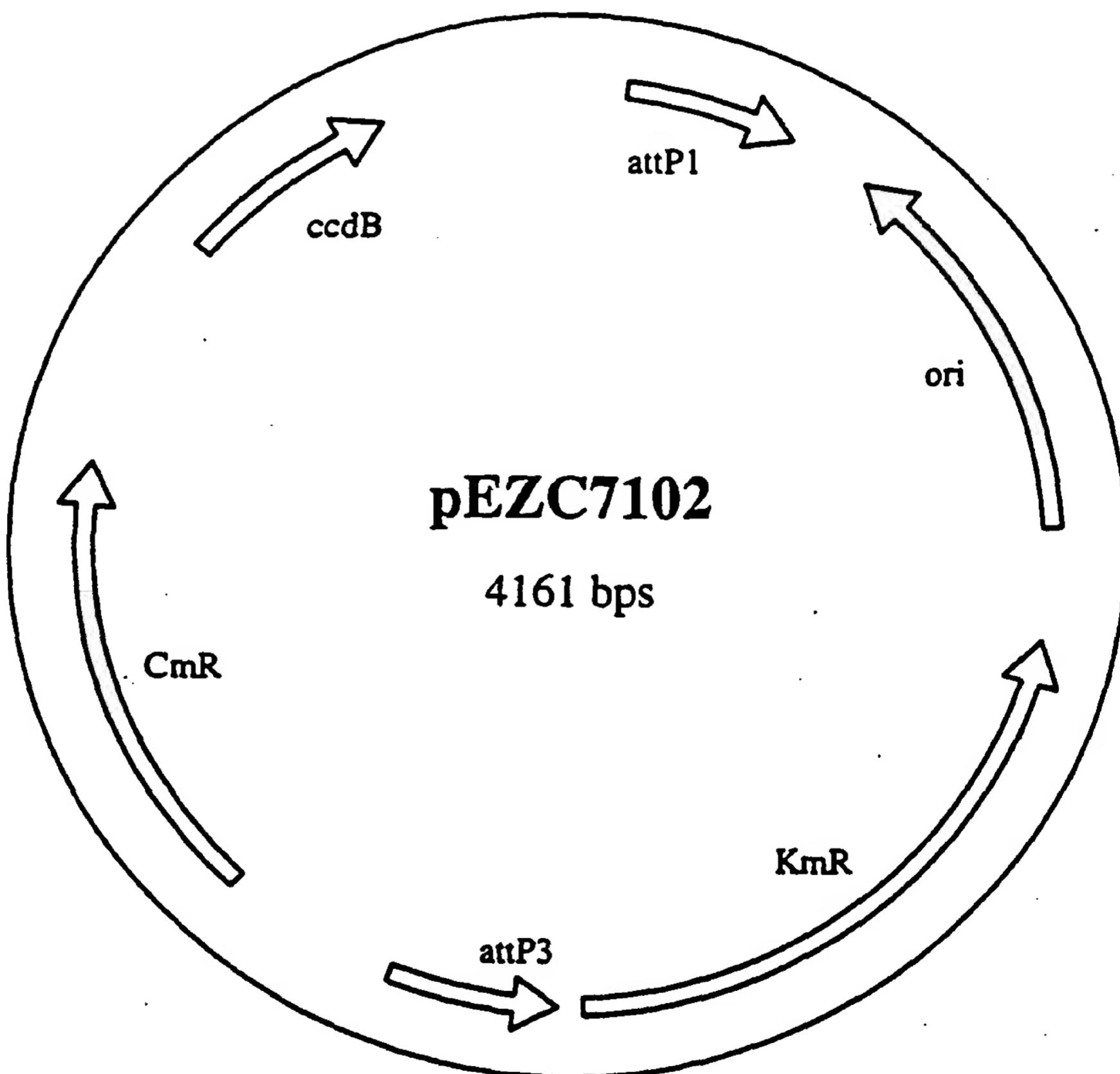
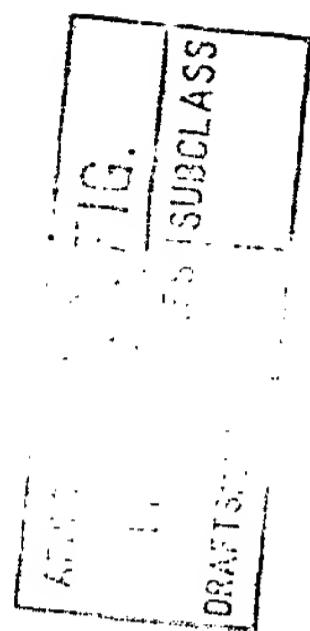
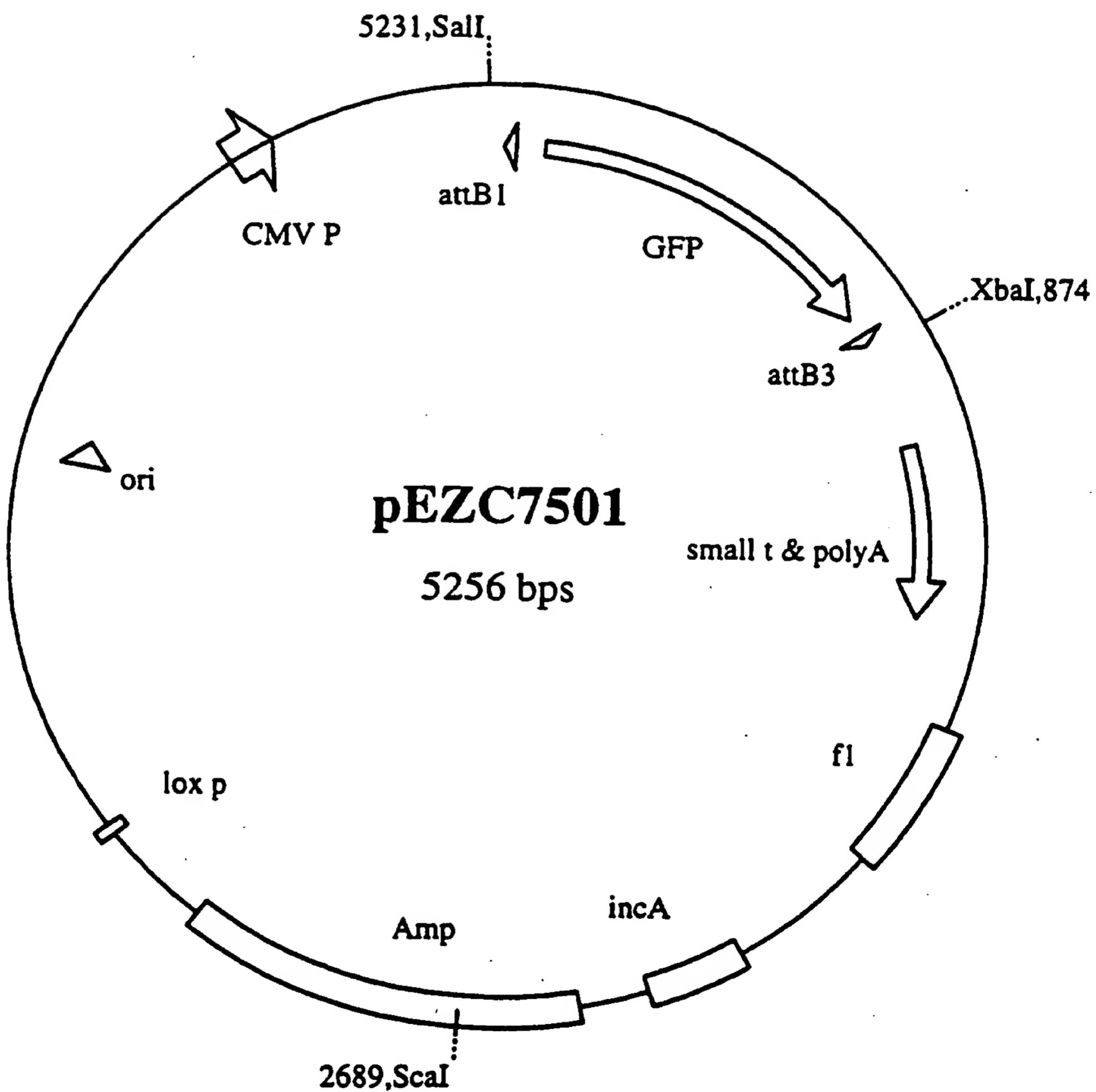
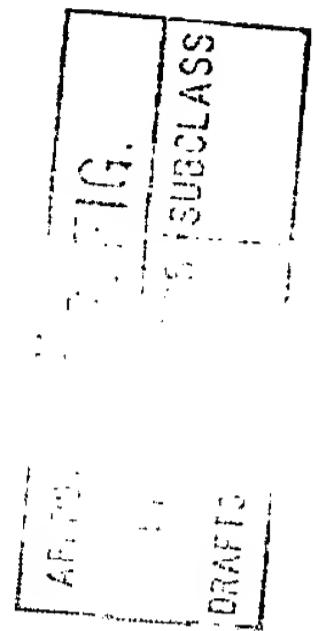




Figure 11B

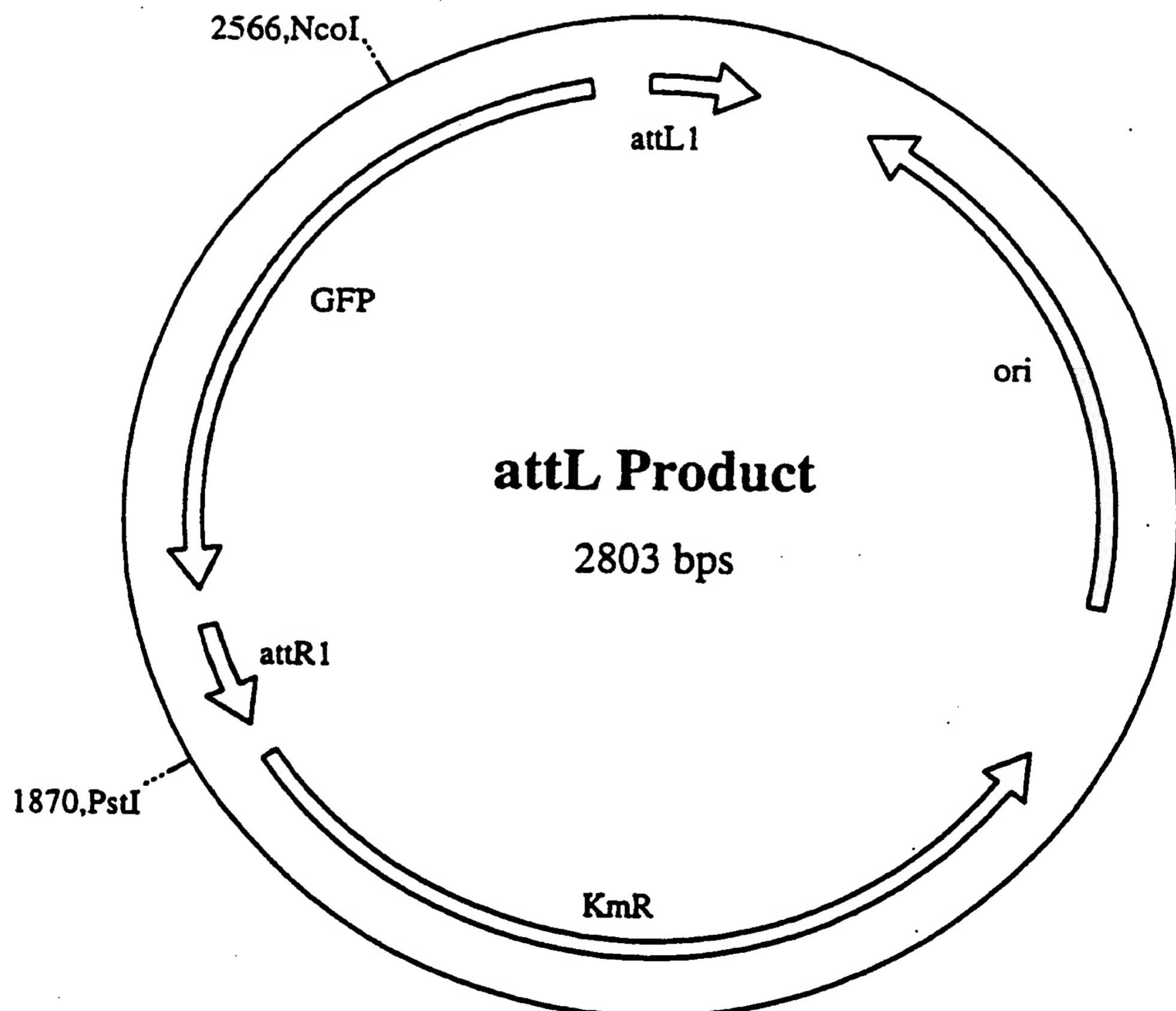
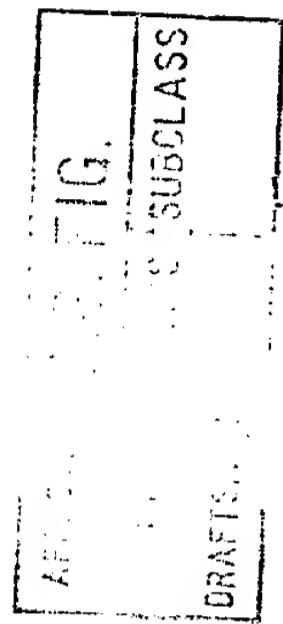


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 Inventor(s): Hartley *et al.*; Tel: 202/371-2600
 Title: Recombinational Cloning Using Nucleic Acids...



Figure 11C

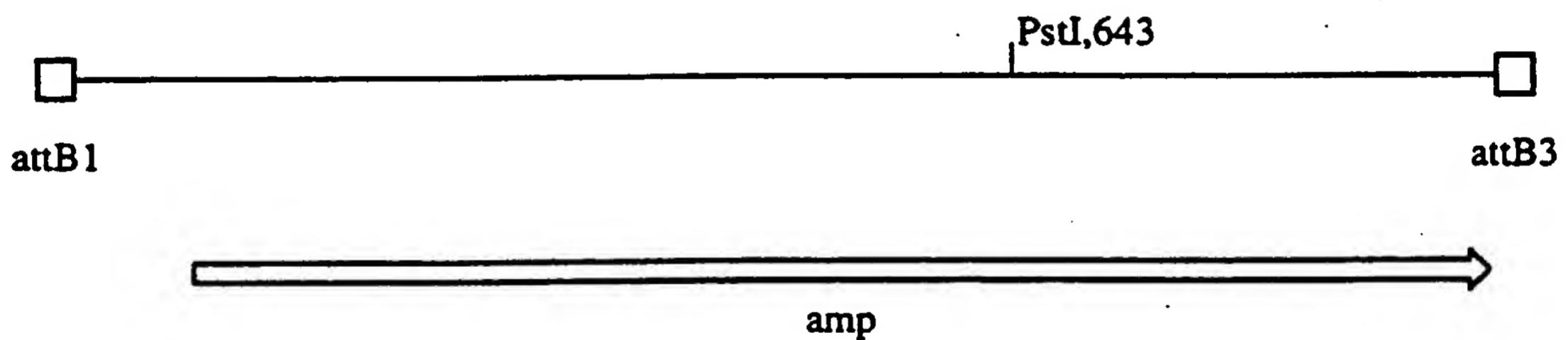
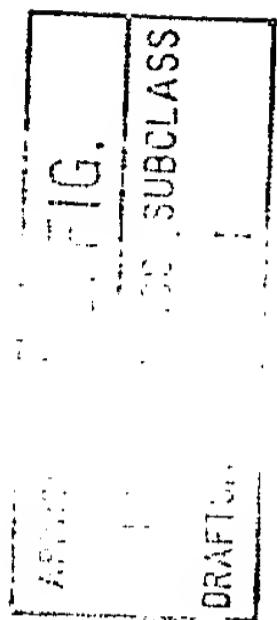
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Figure 12A



attB1AMPattB3 (987 bps)

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Figure 12B

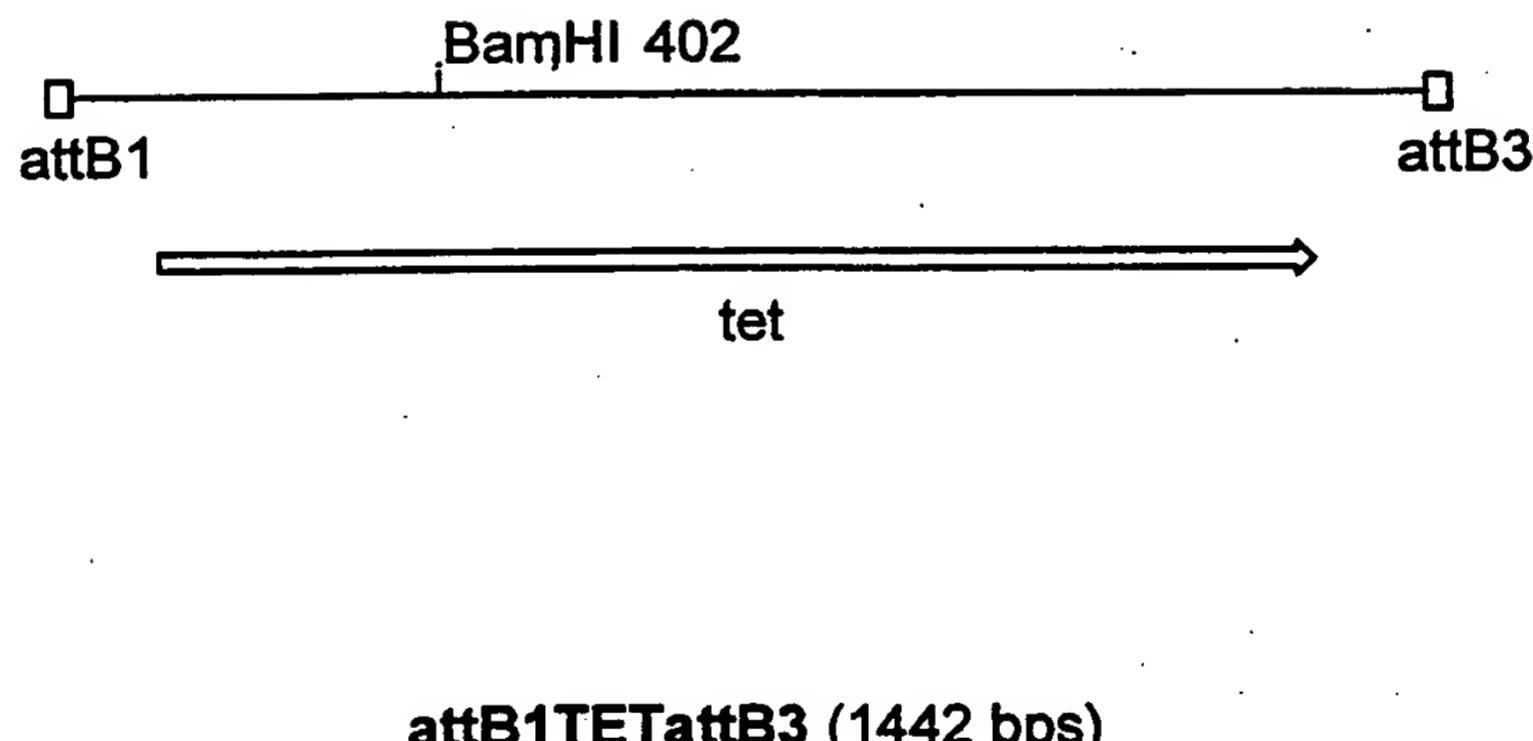
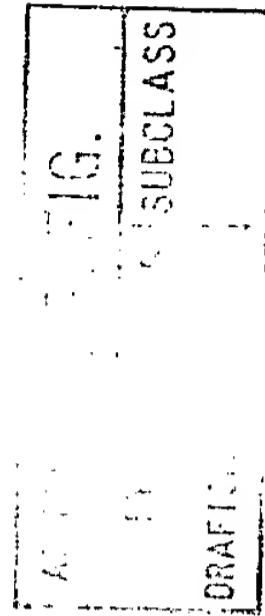
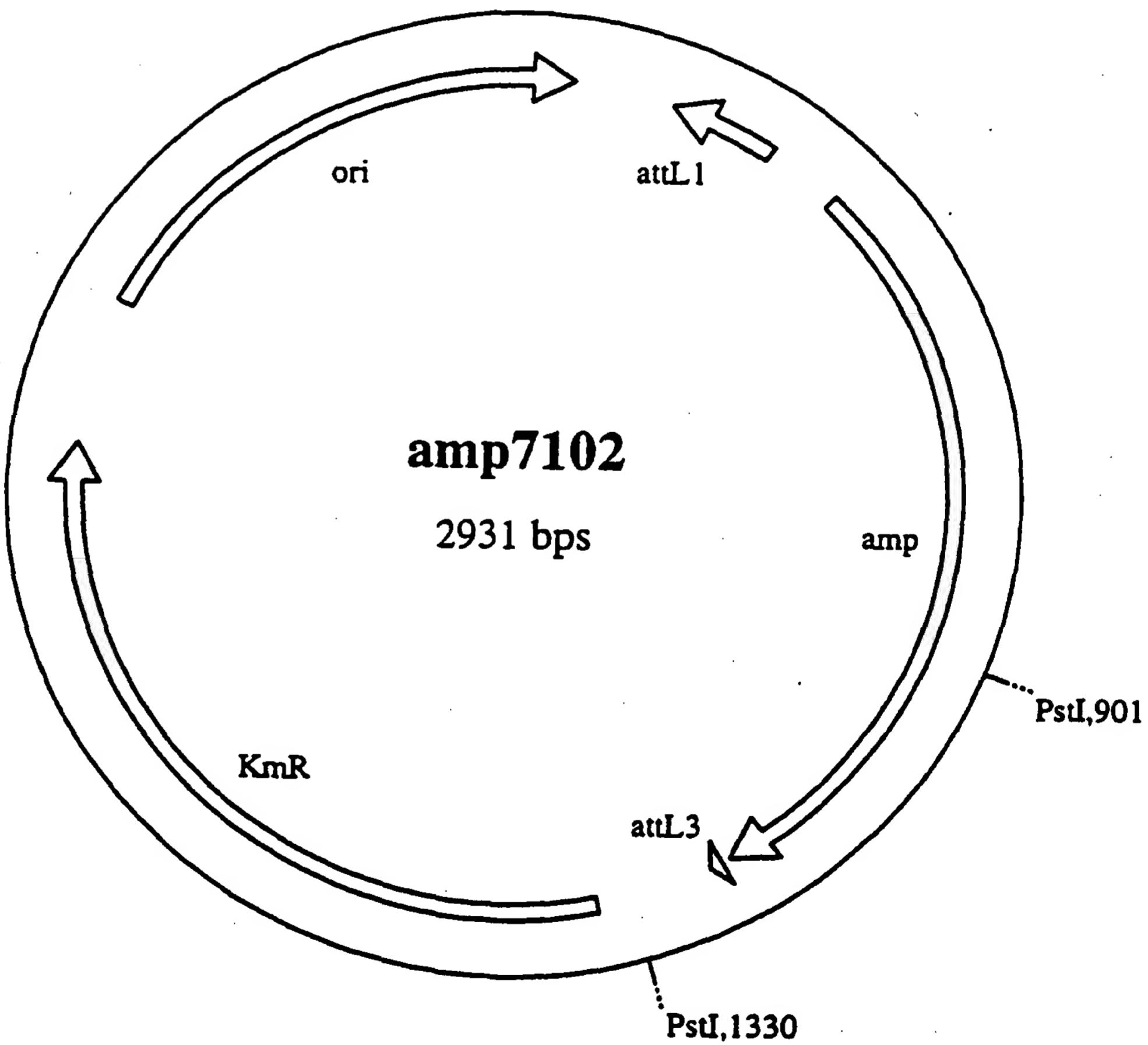
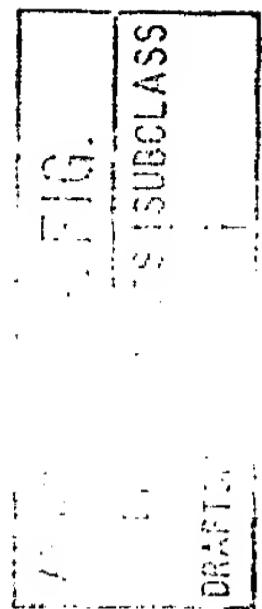




Figure 12C



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Figure 12D

